

平成26年度

有害赤潮プランクトン等総合対策事業報告書－ I

—— 長崎県下における赤潮の発生状況 ——

平成27年5月

長崎県総合水産試験場

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赤潮速報ページ一覧

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|-----|-------|------|--------------------------|---|
| 9   | NS-1  | 2/25 | 離島 五島 新上五島町 日島～間伏地先      | <i>Myrionecta rubra</i>   |
| 10  | NS-2  | 2/26 | 離島 五島 新上五島町 跡次地先         | <i>Myrionecta rubra</i>   |
| 11  | NS-3  | 4/10 | 離島 五島 新上五島町 今里地先         | <i>Noctiluca scintilans</i>   |
| 12  | NS-4  | 4/11 | 離島 五島 新上五島町 奈摩湾          | <i>Noctiluca scintilans</i>   |
| 13  | NS-5  | 4/21 | 離島 五島 五島市 岐宿町 水之浦湾       | <i>Heterosigma akashiwo</i>   |
| 15  | NS-6  | 4/21 | 離島 五島 五島市 富江町 富江湾        | <i>Noctiluca scintilans</i>   |
| 16  | NS-7  | 4/29 | 九州西部 有明海 諫早湾             | <i>Heterosigma akashiwo</i>   |
| 23  | NS-8  | 4/30 | 離島 五島 五島市 玉之浦町 玉之浦湾      | <i>Noctiluca scintilans</i>   |
| 24  | NS-9  | 5/10 | 離島 五島 新上五島町 月ノ浦～漁生浦地先    | <i>Dictyocha spp.</i>   |
| 28  | NS-10 | 5/27 | 九州西部 大村湾 佐世保湾            | <i>Heterosigma akashiwo</i>   |
| 34  | NS-11 | 5/28 | 離島 五島 五島市 玉之浦町 玉之浦湾 荒川地先 | <i>Prorocentrum dentatum</i>  |
| 35  | NS-12 | 6/5  | 九州西部 九十九島 楠泊～矢岳地先        | <i>Karenia mikimotoi</i>  |
| 42  | NS-13 | 6/9  | 九州西部 有明海 諫早湾             | <i>Heterosigma akashiwo</i>   |
| 47  | NS-14 | 6/16 | 九州西部 大村湾 佐世保湾            | <i>Karenia mikimotoi</i><br><i>Prorocentrum dentatum</i>                    |
| 51  | NS-15 | 6/17 | 九州西部 橘湾 長崎市 戸石町 網場湾      | <i>Prorocentrum dentatum</i>  |
| 52  | NS-16 | 6/26 | 九州西部 西彼海岸 長崎港            | <i>Karenia mikimotoi</i>  |
| 55  | NS-17 | 7/2  | 九州西部 大村湾 佐世保湾            | <i>Chattonella spp.</i>   |
| 78  | NS-18 | 7/4  | 九州北部 薄香・古江湾              | <i>Karenia mikimotoi</i>  |
| 88  | NS-19 | 7/8  | 九州西部 有明海 諫早湾             | <i>Heterosigma akashiwo</i><br>微細藻類(クリプト藻主体)                                |
| 92  | NS-20 | 7/7  | 九州西部 九十九島 船越地先           | <i>Karenia mikimotoi</i><br><i>Prorocentrum dentatum</i>                    |
| 93  | NS-21 | 7/12 | 九州西部 九十九島 歌ヶ浦地先          | <i>Cochlodinium polykrikoides</i>   |
| 94  | NS-22 | 7/21 | 九州西部 九十九島 矢岳～楠泊地先        | <i>Myrionecta rubra</i>   |
| 95  | NS-23 | 7/22 | 九州西部 有明海 諫早湾             | <i>Heterosigma akashiwo</i><br><i>Skeletonema spp.</i>                      |
| 96  | NS-24 | 7/23 | 九州北部 伊万里湾                | <i>Karenia mikimotoi</i>  |
| 106 | NS-25 | 8/6  | 九州西部 大村湾 佐世保湾            | <i>Chattonella spp.</i>   |
| 112 | NS-26 | 8/23 | 離島 五島 五島市 玉之浦町 玉之浦湾      | <i>Myrionecta rubra</i>   |
| 113 | NS-27 | 8/27 | 九州西部 有明海 諫早湾             | <i>Ceratium furca</i><br><i>Gonyaulax sp.</i><br><i>Akashiwo sanaguinea</i> |
| 116 | NS-28 | 9/11 | 九州西部 有明海 諫早湾             | <i>Chattonella spp.</i>   |
| 118 | NS-29 | 3/25 | 離島 対馬 浅茅湾 美津島町 竹敷地先      | <i>Prorocentrum dentatum</i>  |

# 長崎県下における赤潮発生状況

## 1. はじめに

九州沿岸域の水産関係機関相互間において、赤潮による漁業被害を未然に防止するための一助として、昭和53年度から赤潮情報交換事業(水産庁補助事業)として開始され、平成19年度からは有害赤潮プランクトン等監視調査事業の一環として継続実施している。

平成26年も前年に引き続き漁業協同組合等の協力を得て、赤潮の発生、分布に関する情報を収集し、関係機関および関係漁協等に連絡するとともに、これらの対策等について現地指導を実施した。

本報告は、事業の経過と長崎県内における平成26年1月から12月までの赤潮発生事例をとりまとめたものである。

### 担当者

|                    |       |                     |
|--------------------|-------|---------------------|
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| 主任研究員              | 山砥 稔文 | 情報収集、研修会、現地指導       |
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| 研究員                | 石田 直也 | 情報収集、研修会、現地指導、とりまとめ |

## 2. 通報体制

### (1) テレファックスの設置および番号

|                |     |              |               |
|----------------|-----|--------------|---------------|
| 長崎県水産部資源管理課    | FAX | 095(895)2584 |               |
| 長崎県総合水産試験場     | FAX | 095(850)6374 | (漁場環境科)       |
| 県央水産業普及指導センター  | FAX | 095(850)6372 | (水産試験場内)      |
| 県北水産業普及指導センター  | FAX | 0956(25)5984 | (県北振興局天満庁舎内)  |
| 県南水産業普及指導センター  | FAX | 0957(64)6304 | (島原振興局県南保健所内) |
| 対馬水産業普及指導センター  | FAX | 0920(54)2613 |               |
| 壱岐水産業普及指導センター  | FAX | 0920(47)2124 | (壱岐振興局内)      |
| 五島水産業普及指導センター  | FAX | 0959(74)2172 | (五島振興局内)      |
| 上五島水産業普及指導センター | FAX | 0959(52)3749 | (新上五島町役場内)    |

## (2) 情報収集水域および協力漁協

表 1、図 1 のとおり、8 水域で 20 漁協の協力を得た。

## (3) 情報の連絡方法等

① 図 2 の情報連絡図による。

② 赤潮発生に関する情報としては、赤潮発生状況速報を各赤潮について作成し、資源管理課、県内各水産業普及指導センターへ発信し、関係漁協・漁業者等へ注意喚起を行った。

また、県内関係機関以外に、水産庁漁場資源課、水産庁九州漁業調整事務所、独立行政法人水産総合研究センター西海区水産研究所、同瀬戸内海区水産研究所、近隣県研究機関等にも発信した。

## 3. 発生件数

平成 26 年の発生件数は表 2 のとおり 29 件で、継続日数別では「5 日以内」が 6 件、「6～10 日」が 7 件、「11～30 日」が 14 件、「31 日以上」が 2 件であった。最長期間は伊万里湾水域で発生した *Karenia mikimotoi* 赤潮の 34 日であった。

## 4. 発生水域

平成 26 年の赤潮発生水域は図 3、表 4 のとおりで、五島が 10 件で最も多く、次いで有明海が 6 件、九十九島と大村湾が 4 件、伊万里湾周辺、薄香・古江湾、橘湾、西彼沿岸と対馬が 1 件であった。平戸周辺、北松沿岸、壱岐での発生はなかった。

## 5. 赤潮構成プランクトン

出現種は表 5 のとおり 13 種であり、*Heterosigma akashiwo* と *Karenia mikimotoi* が 6 件で最も多く、次いで *Prorocentrum dentatum* が 5 件、*Myrionecta rubra* と *Noctiluca scintillans* が 4 件、*Chattonella* spp. が 3 件、*Dictyocha* spp.、*Cochlodinium polykrikoides*、微細藻類（クリプト藻主体）、*Skeletonema* spp.、*Gonyaulax* sp.、*Akashiwo sanguinea*、*Ceratium furca* が 1 件であった。

## 6. 赤潮に伴う漁業被害

発生件数 29 件のうち、漁業被害を伴ったものは 5 件であった。

① 4 月 29 日～5 月 20 日に有明海水域で発生した *H. akashiwo* の赤潮により、4 月 29 日から 5 月 3 日にかけて諫早湾において定置網に入網したコノシロ、グチ類が計 32kg へい死した。被害金額は不明であった。

② 5 月 10 日～5 月 15 日に五島水域で発生した *Dictyocha* spp. の赤潮により、5 月 10 日～5 月 12 日に新上五島町月ノ浦地先で養殖クロマグロ（3 年魚）288 尾がへい死した。被害金額は 35,000 千円であった。

- ③7月4日～7月18日に薄香・古江湾水域で発生した *K. mikimotoi* の赤潮により、7月4日～7月14日に養殖のハマチ（2年魚）4,500尾、ハマチ（3年魚）250尾、ヒラマサ（2年魚）10,800尾、ヒラマサ（3年魚）3,230尾、マサバ（1年魚）20,000尾、マサバ（2年魚）16,000尾、マアジ（1年魚）500尾、カワハギ（1年魚）2,000尾、シマアジ（4年魚）50尾、クロマグロ（3年魚）320尾、クロマグロ（4年魚）50尾がへい死した。被害金額は92,374千円であった。
- ④7月2日～8月1日に大村湾水域で発生した *Chattonella* spp. の赤潮により、7月25日～7月28日に針尾地先において、養殖ハマチ（3年魚）220尾、ヒラマサ（3年魚）65尾がへい死した。被害金額は1,192千円であった。
- ⑤8月6日～8月18日に大村湾水域で発生した *Chattonella* spp. の赤潮により、8月13日に針尾地先において、養殖ヒラマサ（1年魚）6,000尾がへい死した。被害金額は6,000千円であった。

表1 情報収集水域および協力漁協

| 情報収集水域名 | 協力漁協名   | 備考<br>漁協—TEL |
|---------|---------|--------------|
| 伊万里湾    | 新松浦     | 0955-48-3131 |
| 薄香・古江湾  | 平戸市     | 0950-22-3133 |
| 九十九島    | 佐世保市相浦  | 0956-47-2227 |
|         | 九十九島    | 0956-69-3161 |
| 大村湾     | 川棚      | 0956-82-2051 |
|         | 多良見町    | 0957-43-0228 |
|         | 大村湾     | 095-882-2415 |
| 橘湾      | 橘湾東部    | 0957-74-3117 |
|         | 野母崎三和   | 095-893-1131 |
|         | 長崎市たちばな | 095-830-2236 |
| 有明海     | 小長井町    | 0957-34-2244 |
|         | 有明      | 0957-68-0503 |
| 対馬周辺    | 美津島町西海  | 0920-54-2207 |
|         | 美津島町    | 0920-54-5020 |
|         | 豊玉町     | 0920-58-1311 |
| 五島周辺    | 五島      | 0959-74-5510 |
|         | 奈留町     | 0959-64-3115 |

|      |       |              |
|------|-------|--------------|
|      | 若松    | 0959-46-3125 |
|      | 若松町中央 | 0959-46-2323 |
|      | 上五島町  | 0959-52-2008 |
| 計8水域 | 20 漁協 |              |

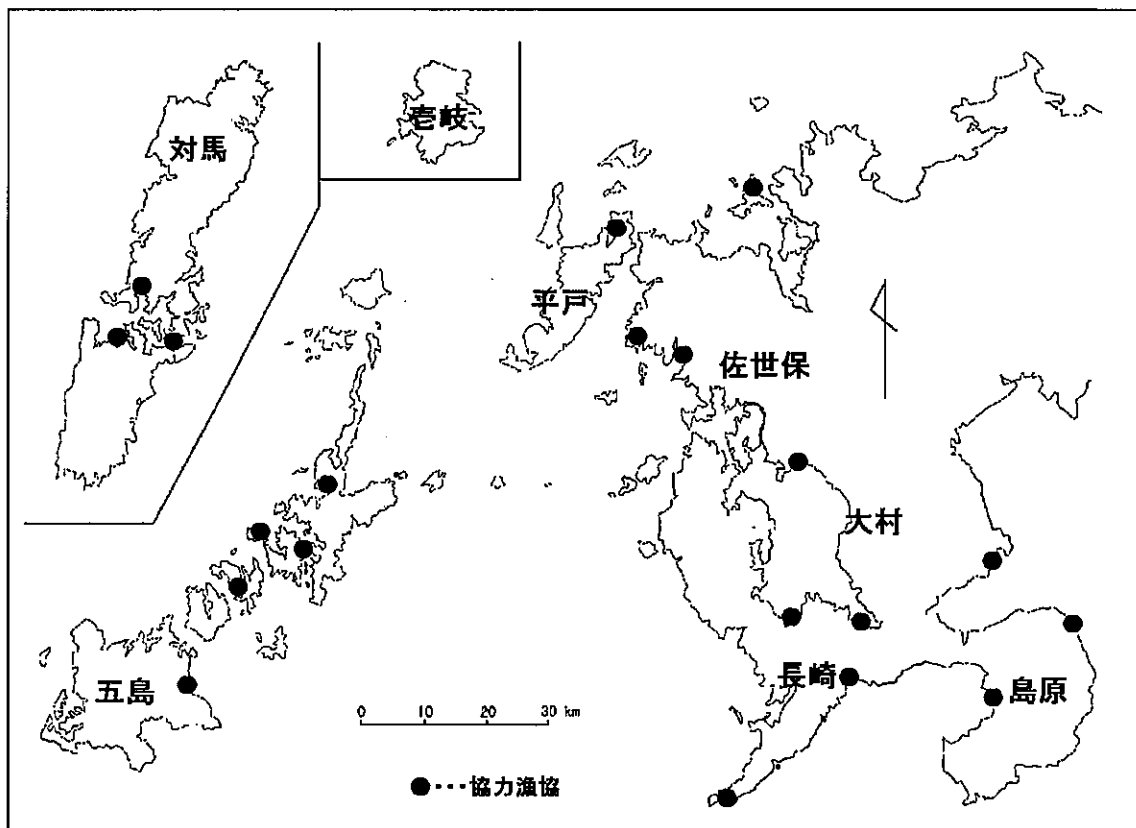


図1 情報収集水域および協力漁協

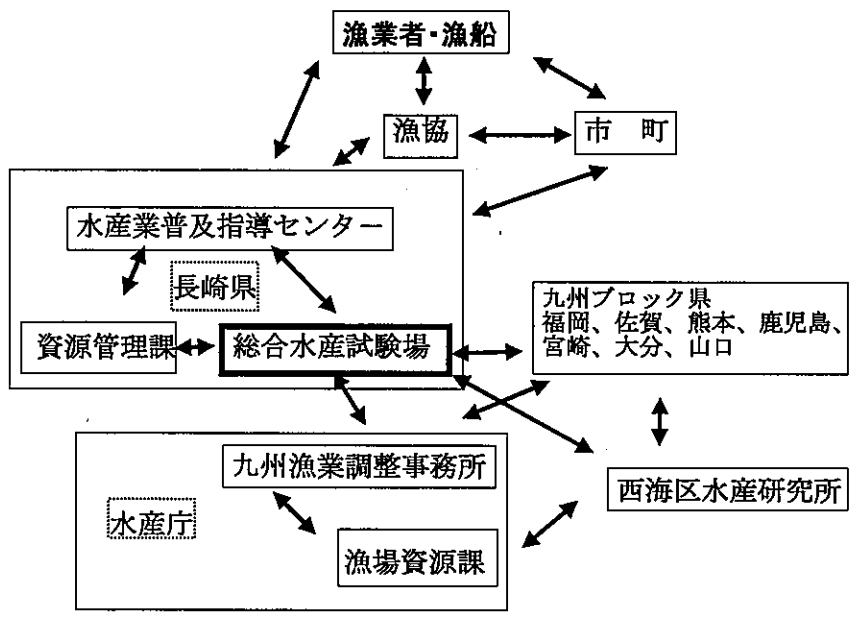


図2 情報連絡図



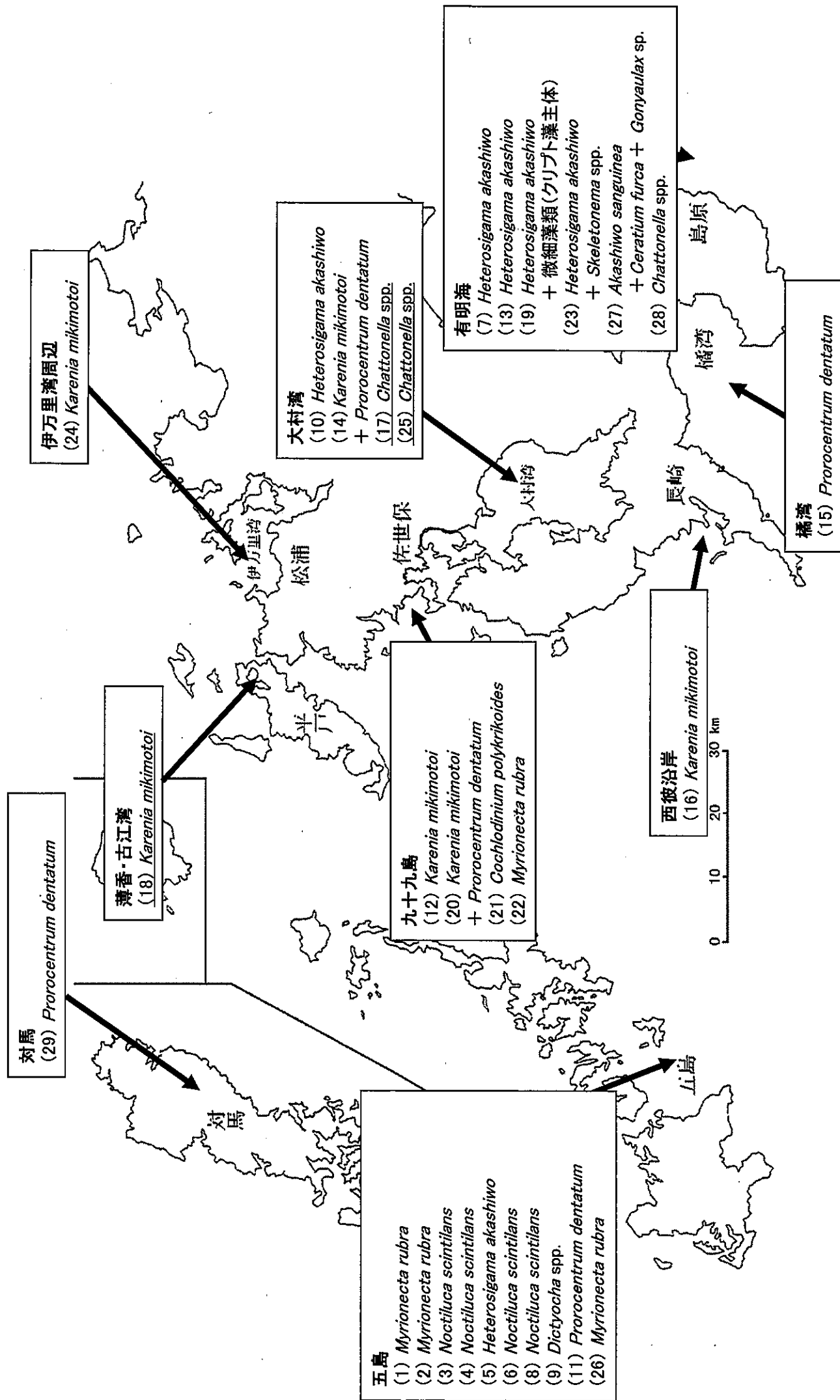


图3 平成26年赤潮発生水域図  
( )は赤潮発生番号 下線は被害あり

表2 発生継続日数別赤潮発生件数

| 発生期間         | 5日以内 | 6~10日 | 11~30日 | 31日以上 | 計  |
|--------------|------|-------|--------|-------|----|
| 赤潮発生件数       | 6    | 7     | 14     | 2     | 29 |
| うち漁業被害を伴った件数 |      | 1     | 3      | 1     | 5  |

(注) 1件の赤潮で2回以上漁業被害が発生した場合も、漁業被害件数は1件とカウントする。

表3 月別赤潮発生件数及び被害件数

| 月            | 1 | 2 | 3 | 4 | 5 | 6 | 7  | 8 | 9 | 10 | 11 | 12 | 計  |
|--------------|---|---|---|---|---|---|----|---|---|----|----|----|----|
| 赤潮発生件数       | 0 | 2 | 0 | 6 | 7 | 7 | 11 | 5 | 3 | 0  | 0  | 0  | 41 |
| うち先月より継続した件数 | 0 | 0 | 0 | 0 | 4 | 2 | 3  | 2 | 1 | 0  | 0  | 0  | 12 |
| 漁業被害件数       | 0 | 0 | 0 | 1 | 1 | 0 | 2  | 1 | 0 | 0  | 0  | 0  | 5  |
| うち先月より継続した件数 | 0 | 0 | 0 | 0 | 0 | 0 | 0  | 0 | 0 | 0  | 0  | 0  | 0  |

(注) 1. 月をまたがって発生した赤潮は、それぞれの月にカウントする。

2. 月をまたがって発生した赤潮で別々の月に漁業被害が発生した場合は、それぞれの月でカウントする。

表4 水域別発生件数

| 海 域  | 水 域                     | 件数  | 原因種   |
|------|-------------------------|---|---|
| 九州北部 | 伊万里湾周辺                  | 1   | <i>Karenia mikimotoi</i>                                |
|      | 薄香・古江湾                  | 1   | <i>Karenia mikimotoi</i>                                |
| 九州西部 | 大村湾                     | 4   | <i>Heterosigma akashiwo</i> ,                           |
|      |                         |   | <i>Karenia mikimotoi</i> , <i>Prorocentrum dentatum</i> |
|      |                         |   | <i>Chattonella</i> spp.                                 |
|      |                         |   | <i>Chattonella</i> spp.                                 |
|      | 橘湾                      | 1   | <i>Heterosigma akashiwo</i>                             |
|      | 九十九島                    | 4   | <i>Karenia mikimotoi</i>                                |
|      |                         |   | <i>Karenia mikimotoi</i> , <i>Prorocentrum dentatum</i> |
|      |                         |   | <i>Cochlodinium polykrikoides</i>                       |
| 西彼沿岸 | 1                       | <i>Karenia mikimotoi</i>  |   |
| 有明海  | 6                       | <i>Heterosigma akashiwo</i>   |   |
|      |                         | <i>Heterosigma akashiwo</i>   |   |
|      |                         | <i>Heterosigma akashiwo</i> , 微細藻類(クリプト藻主体)                             |   |
|      |                         | <i>Heterosigma akashiwo</i> , <i>Skeletonema</i> spp.                   |   |
|      |                         | <i>Akashiwo sanguinea</i> , <i>Ceratium furca</i> , <i>Gonyaulax</i> sp |   |
|      |                         | <i>Chattonella</i> spp.   |   |
| 離島   | 五 島                     | 10  | <i>Myrionecta rubra</i>                                 |
|      |                         |   | <i>Myrionecta rubra</i>                                 |
|      |                         |   | <i>Noctiluca scintilans</i>                             |
|      |                         |   | <i>Noctiluca scintilans</i>                             |
|      |                         |   | <i>Heterosigma akashiwo</i>                             |
|      |                         |   | <i>Noctiluca scintilans</i>                             |
|      |                         |   | <i>Noctiluca scintilans</i>                             |
|      |                         |   | <i>Dictyocha</i> spp.                                   |
|      |                         |   | <i>Prorocentrum dentatum</i>                            |
|      | <i>Myrionecta rubra</i> |   |   |
| 対馬   | 1                       | <i>Prorocentrum dentatum</i>  |   |
| 計    |                         | 29  |   |

表5 赤潮構成種別発生件数

| 順位 | 赤潮構成種名                            | 発生件数 |
|----|-----------------------------------|------|
| 1  | <i>Heterosigma akashiwo</i>       | 6    |
| 1  | <i>Karenia mikimotoi</i>          | 6    |
| 3  | <i>Prorocentrum dentatum</i>      | 5    |
| 4  | <i>Noctiluca scintilans</i>       | 4    |
| 4  | <i>Myrionecta rubra</i>           | 4    |
| 6  | <i>Chattonella</i> spp.           | 3    |
| 7  | <i>Dictyocha</i> spp.             | 1    |
| 7  | <i>Cochlodinium polykrikoides</i> | 1    |
| 7  | 微細藻類(クリプト藻主体)                     | 1    |
| 7  | <i>Skeletonema</i> spp.           | 1    |
| 7  | <i>Gonyaulax</i> sp.              | 1    |
| 7  | <i>Akashiwo sanaguinea</i>        | 1    |
| 7  | <i>Ceratium furca</i>             | 1    |
|    |                                   |      |
|    |                                   |      |
|    |                                   |      |
|    |                                   |      |
| 計  |                                   | 35   |

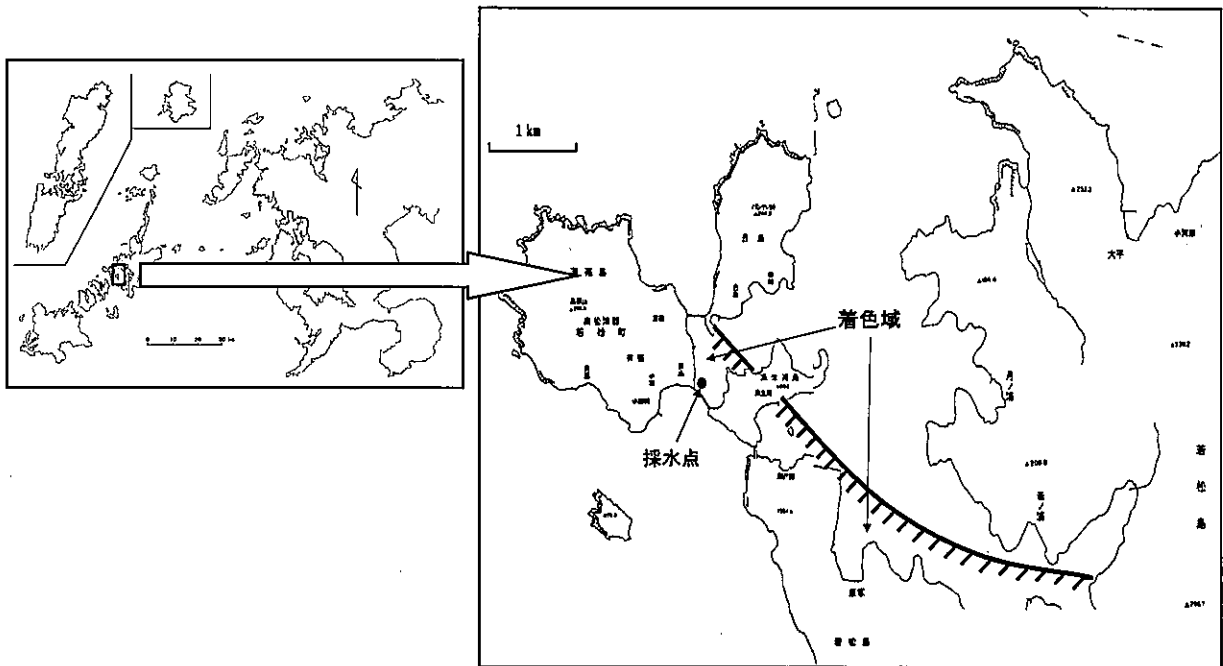
2種混合赤潮4件

3種混合赤潮1件

## 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成 26年 2月25日                                   | 6.漁業被害 | なし  |
| 2.発生海域名            | 離島 五島<br>新上五島町 日島～間伏地先                         | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 湾西側～湾奥部でパッチ状の着色域あり                             |        |   |
| 4.水色<br>(1～108番)   | くらいあか(6)                                       |        |   |
| 5.優占種              | <i>Myrionecta rubra</i><br>最高細胞数 2,700cells/mL |        |   |

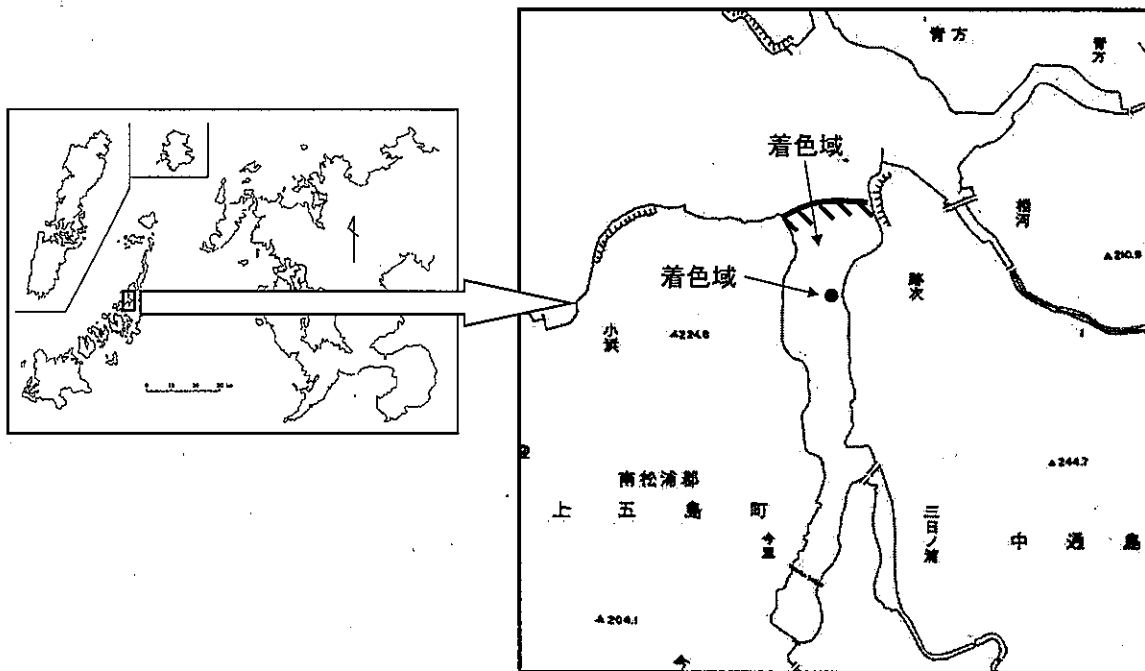
8.参考図 2月25日現在



備考 調査者：長崎県 上五島水産業普及指導センター

# 赤潮発生状況速報

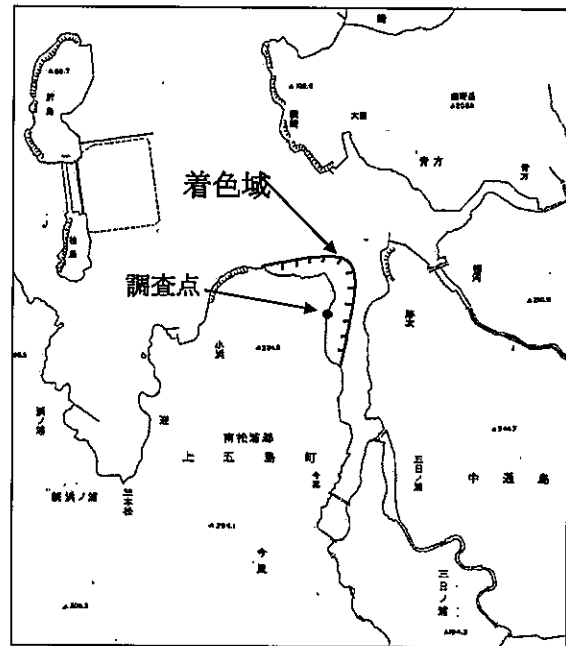
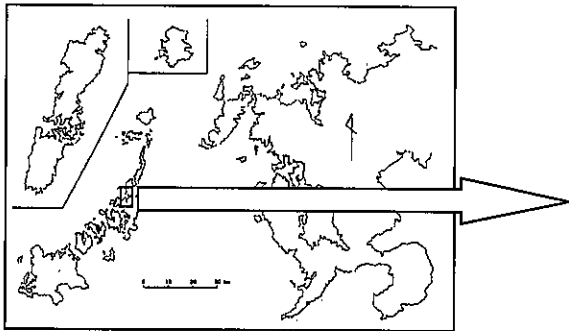
|                     |  |         |   |
|---------------------|--|---------|---|
| 1. 発見日時             | 平成26年2月26日   | 6. 漁業被害 | なし  |
| 2. 発生海域名            | 離島 五島<br>新上五島町 跡次地先                                | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | パッチ状に着色  |         |   |
| 4. 水色<br>(1~108番)   | くらいあかみのだいたい(15)                                    |         |   |
| 5. 優占種              | <i>Mirionecta rubra</i><br><br>最高細胞数 1,300cells/mL |         |   |
| 8. 参考図              | 2月26日現在  |         |   |



備考 調査者:長崎県 上五島水産業普及指導センター

# 赤潮発生状況速報

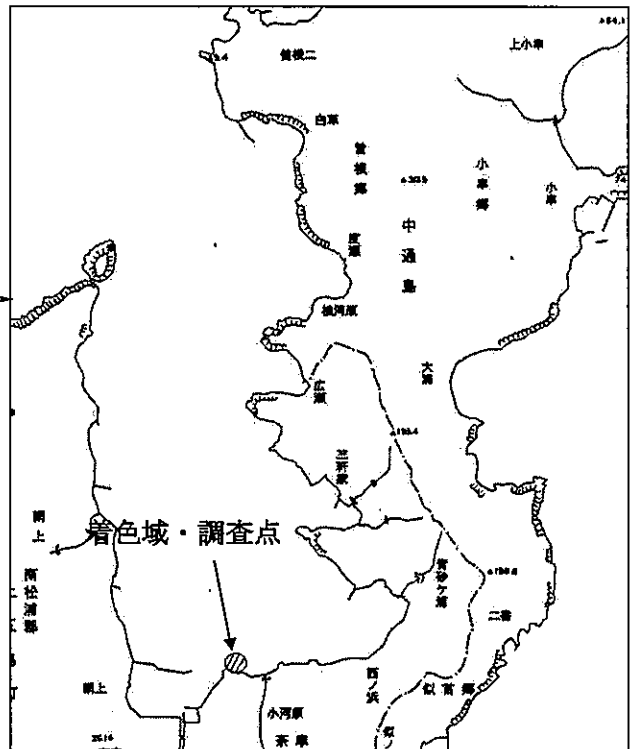
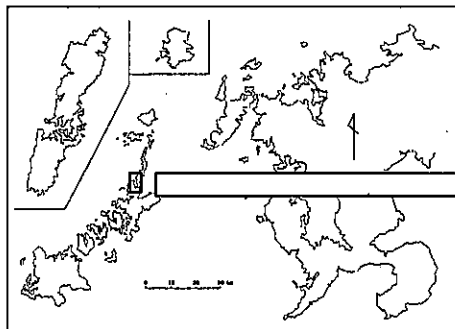
|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年4月10日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 離島 五島<br>新上五島町 今里地先                                  |        |   |
| 3.発生状況<br>(規模、形状等) | 海岸線に沿って帯状に着色   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>官崎県水産試験場<br>鹿児島県水産技術開発センター |
| 4.水色<br>(1~108番)   | あさいあか(2)   |        |   |
| 5.優占種              | <i>Noctiluca scintilans</i><br><br>最高細胞数 108cells/mL |        |   |
| 8.参考図              | 4月10日現在  |        |   |



備考 調査者:長崎県 上五島水産業普及指導センター

# 赤潮発生状況速報

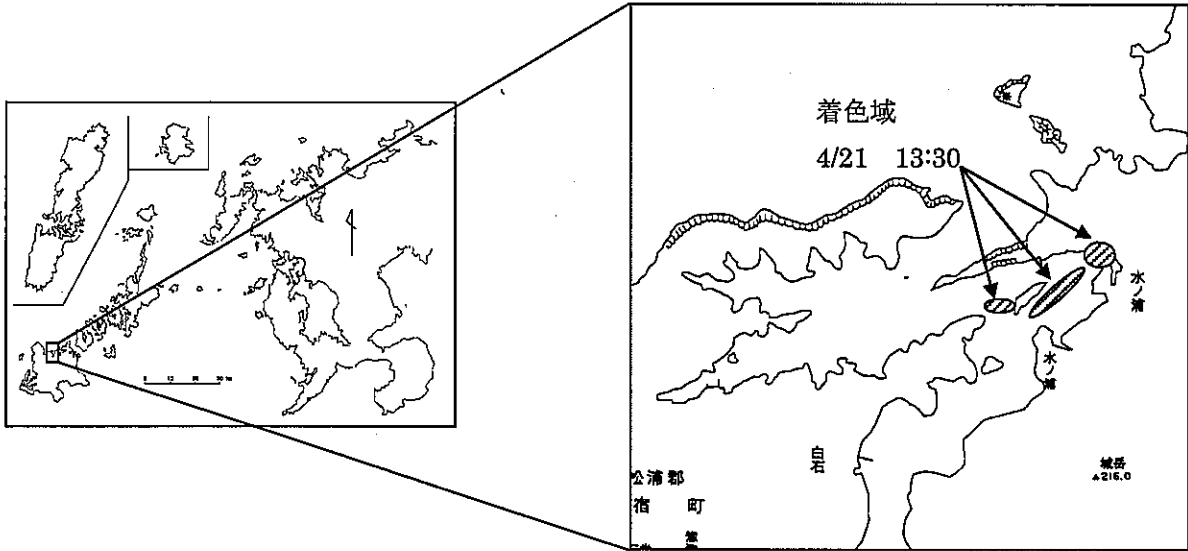
|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年4月11日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 離島 五島<br>新上五島町 奈摩湾                                   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 海岸線に沿って帯状に着色   |        |   |
| 4.水色<br>(1~108番)   | あさいあか(2)   |        |   |
| 5.優占種              | <i>Noctiluca scintilans</i><br><br>最高細胞数 160cells/mL |        |   |
| 8.参考図              | 4月11日現在  |        |   |



備考 調査者:長崎県 上五島水産業普及指導センター

## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年4月21日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 離島 五島<br>五島市 岐宿町 水之浦湾                                   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 不明  |        |  |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)  |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 20,000cells/mL |        |  |
| 8.参考図              | 4月21日現在   |        |  |



| 地点<br>調査時間 | 調査<br>水深 | 水温<br>(°C) | 塩分<br>(psu) | DO<br>(mg/l) | DO(%) | 主なプランクトン                     | 個数<br>(cells/ml) | 水色 |
|------------|----------|------------|-------------|--------------|-------|------------------------------|------------------|----|
| 13:30      | 0.5      | 17.6       | 32.62       | 8.12         | 103.7 | <i>Herterosigma Akashiwo</i> | 20,000           | 24 |

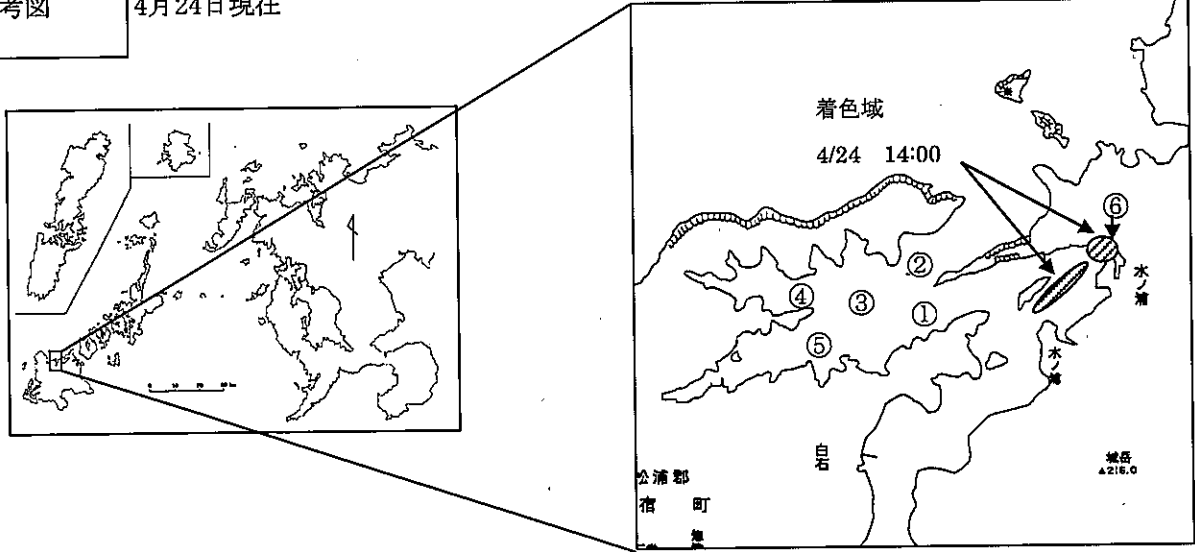
備考 調査者:長崎県 五島水産業普及指導センター



# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年4月21日                                       | 6.漁業被害 | なし   |
| 2.発生海域名            | 離島 五島<br>五島市 岐宿町 水之浦湾                            | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 湾東部でパッチ状に着色                                      |        |  |
| 4.水色<br>(1~108番)   | くらいき(33)   |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 484cells/mL |        |  |

8.参考図 4月24日現在

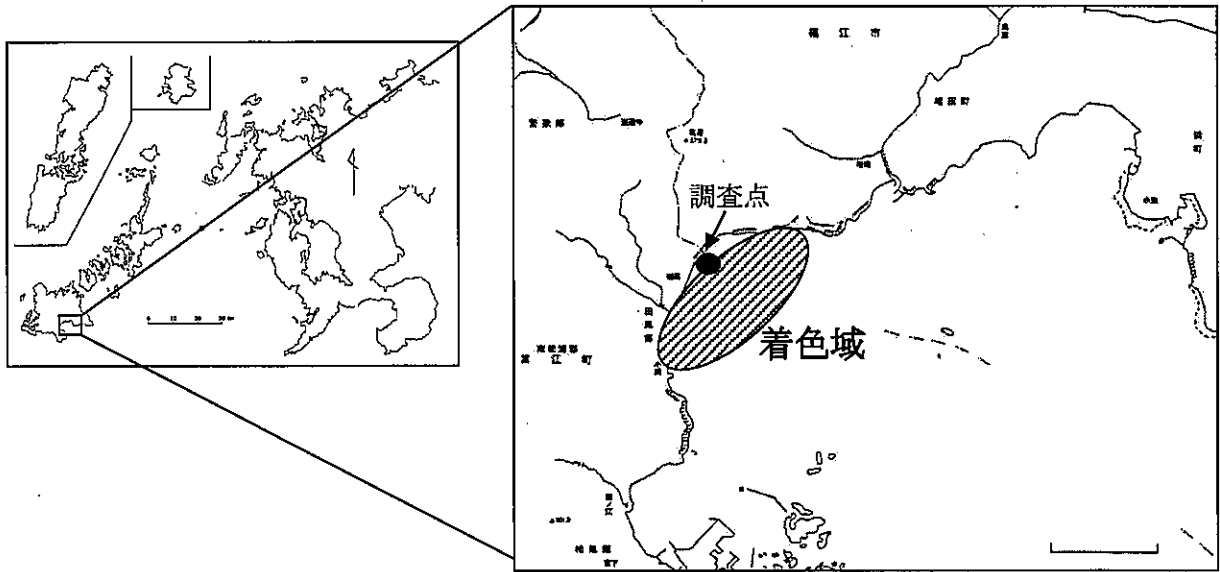


| 地点<br>調査時間 | 水深<br>(m) | 水温<br>(°C) | 塩分<br>(psu) | DO<br>(mg/l) | DO(%) | 細胞数<br>(cells/ml) | 水色 |
|------------|-----------|------------|-------------|--------------|-------|-------------------|----|
| ①13:57     | 2.5       | 17.13      | 33.61       | 8.60         | 107.8 | 274               | 51 |
| ②14:10     | 2.5       | 17.20      | 33.61       | 8.11         | 102.2 | 81                | 51 |
| ③14:21     | 2.5       | 17.10      | 33.61       | 6.65         | 80.1  | 244               | 51 |
| ④14:34     | 2.5       | 17.27      | 33.62       | 6.13         | 78.9  | 91                | 51 |
| ⑤14:48     | 2.5       | 17.28      | 33.69       | 6.38         | 82.9  | 64                | 51 |
| ⑥15:00     | 2.5       |            |             |              |       | 484               | 33 |

備考 調査者:長崎県 五島水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年4月25日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 離島 五島<br>五島市 富江町 富江湾                                  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 海岸線に沿って帯状に着色  |        |  |
| 4.水色<br>(1~108番)   | あさいあか(2)  |        |  |
| 5.優占種              | <i>Noctiluca scintillans</i><br><br>最高細胞数 340cells/mL |        |  |
| 8.参考図              | 4月25日現在   |        |  |

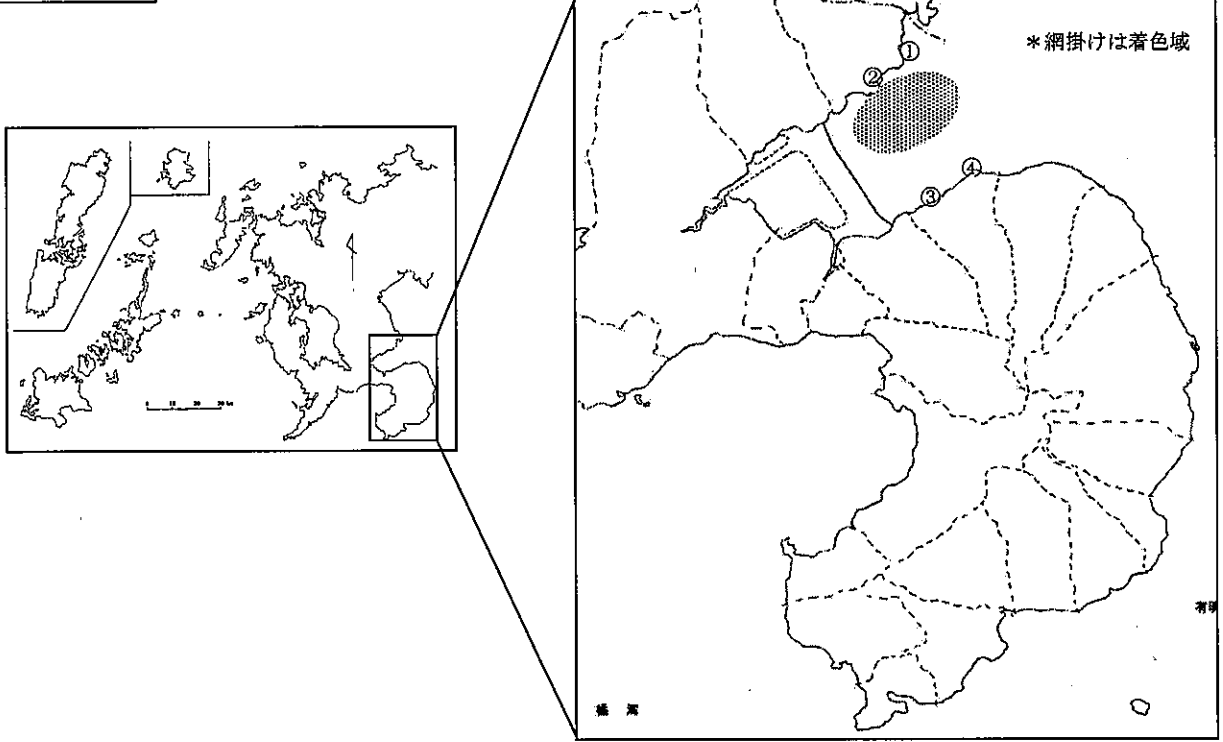


備考 調査者:長崎県 五島水産業普及指導センター

## 赤潮発生状況速報

|                     |   |         |  |
|---------------------|---|---------|--|
| 1. 発見日時             | 平成26年4月29日  | 6. 漁業被害 | なし   |
| 2. 発生海域名            | 九州西部 有明海<br>諫早湾   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 小長井町地先で着色   |         |  |
| 4. 水色<br>(1~108番)   | くらいき(33)  |         |  |
| 5. 優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 14,300cells/mL |         |  |

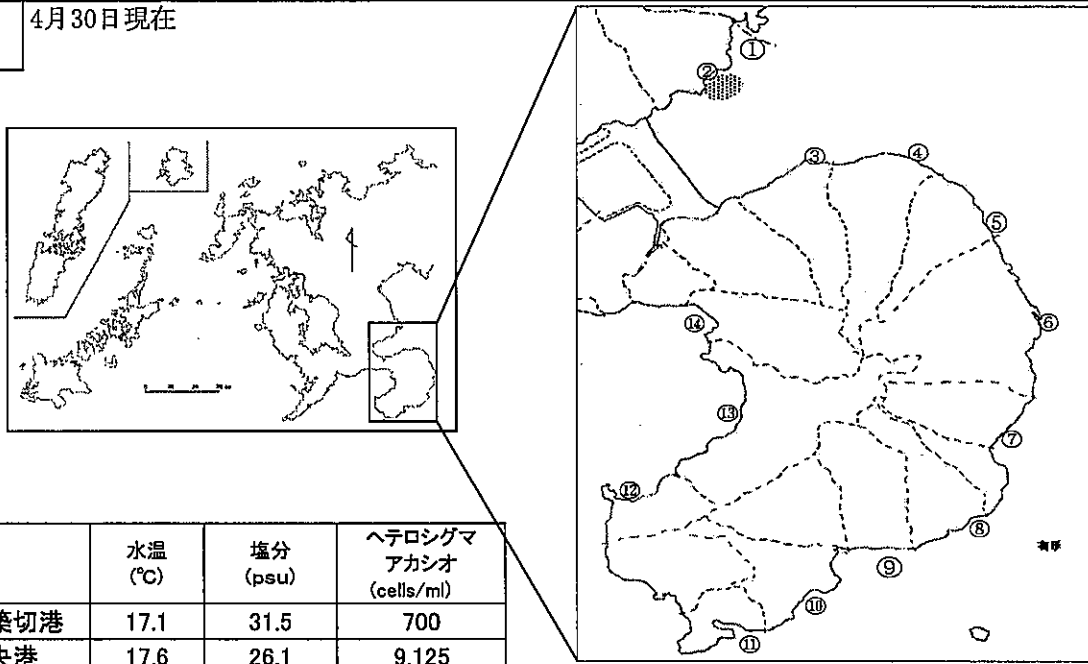
8. 参考図 4月29日現在



備考 調査者:長崎県 県南水産業普及指導センター

## 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年4月29日   | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 小長井町地先で着色  |        |  |
| 4.水色<br>(1~108番)   | くらいき(33)   |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 9,125cells/mL |        |  |
| 8.参考図              | 4月30日現在  |        |  |

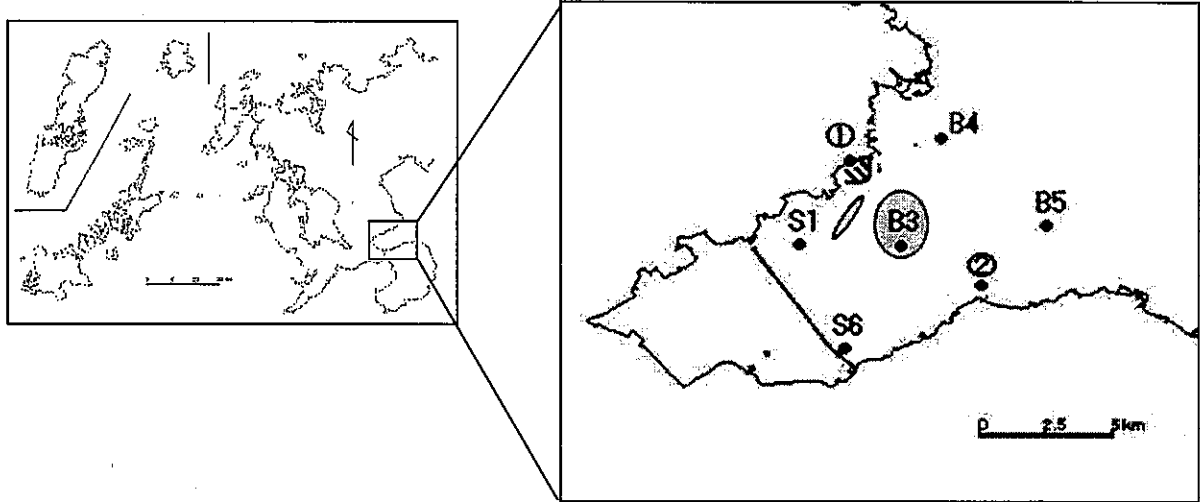




| 調査点       | 水温<br>(°C) | 塩分<br>(psu) | ヘテロシグマ<br>アカシオ<br>(cells/ml) |
|-----------|------------|-------------|------------------------------|
| ①小長井町築切港  | 17.1       | 31.5        | 700                          |
| ②小長井中央港   | 17.6       | 26.1        | 9,125                        |
| ③西郷港      | 17.4       | 31.2        | 33                           |
| ④多比良港     | 16.9       | 31.1        | 0                            |
| ⑤湯江漁港     | 16.6       | 31.7        | 0                            |
| ⑥島原港(湊新地) | 16.5       | 32.6        | 0                            |
| ⑦深江漁港     | 16.6       | 31.8        | 0                            |
| ⑧堂崎港      | 16.9       | 32.6        | 0                            |
| ⑨須川港      | 16.9       | 32.7        | 0                            |
| ⑩南有馬漁港    | 17.2       | 33.0        | 2                            |
| ⑪口之津港     | 17.2       | 33.4        | 0                            |
| ⑫京泊漁港     | 17.3       | 33.8        | 0                            |
| ⑬小浜港      | 17.9       | 33.0        | 0                            |
| ⑭千々石漁港    | 18.3       | 33.1        | 0                            |

備考 調査者:長崎県 県南水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年4月29日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾央～北部にかけて着色   |        |  |
| 4.水色<br>(1～108番)   | くらいきみのだいだい(24)  |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 24,300cells/mL |        |  |
| 8.参考図              | 5月1日現在 ※調査結果は別紙参照                                       |        |  |



 ← 濃い着色域 (水色：くらいきみのだいだい)  
 ← 薄い着色域 (水色：くらいき)

備考 調査者:長崎県 総合水産試験場

# 調査結果

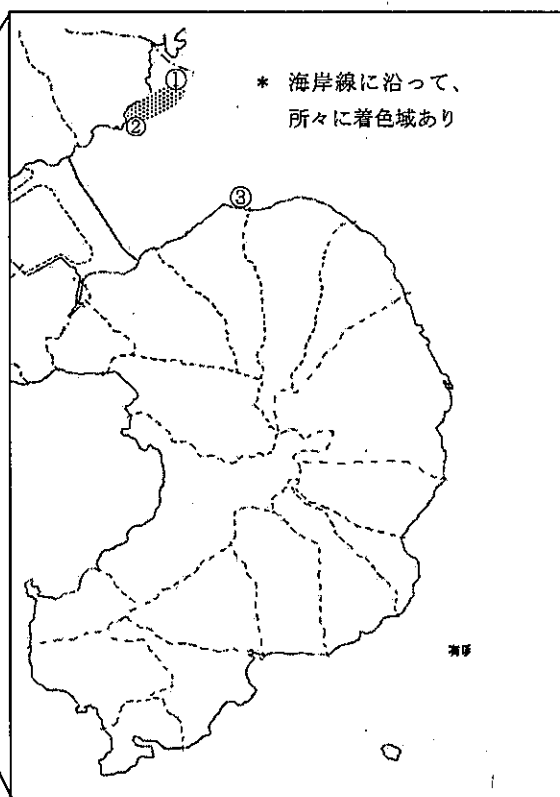
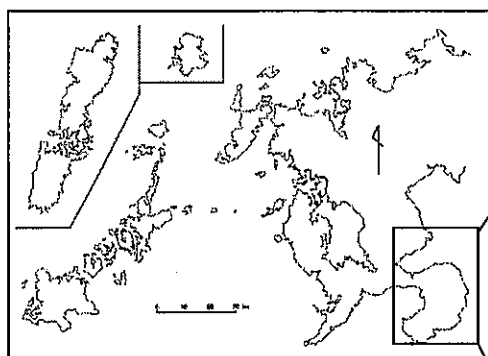
## 別紙

| 定点         | 観測水深<br>(m) | 有害種     |      |      | ヘテロシグマ<br>アサシオ | *プランクトン細胞数は cells/mL |            |             |
|------------|-------------|---------|------|------|----------------|----------------------|------------|-------------|
|            |             | シャットネラ  |      |      |                | 珪藻類                  | 水温<br>(°C) | 塩分<br>(psu) |
|            |             | アンティーカー | マリーナ | オバータ |                |                      |            |             |
| B3         | 0.5         | 0       | 0    | 0    | 2,700          | 158                  | 17.4       | 31.43       |
|            | 5           | 0       | 0    | 0    | 970            | 78                   | 16.9       | 31.48       |
|            | B-1(9.0)    | 0       | 0    | 0    | 52             | 71                   | 16.8       | 31.50       |
| B4         | 0.5         | 0       | 0    | 0    | 1,480          | 132                  | 17.5       | 31.41       |
|            | 5           | 0       | 0    | 0    | 100            | 72                   | 16.8       | 31.63       |
|            | B-1(8.6)    | 0       | 0    | 0    | 70             | 58                   | 16.8       | 31.63       |
| B5         | 0.5         | 0       | 0    | 0    | 6              | 28                   | 17.0       | 31.81       |
|            | 5           | 0       | 0    | 0    | 2              | 44                   | 16.7       | 31.85       |
|            | B-1(14.1)   | 0       | 0    | 0    | 0              | 26                   | 16.7       | 31.87       |
| S1         | 0.5         | 0       | 0    | 0    | 40             | 35                   | 17.4       | 31.15       |
|            | B-1(4.0)    | 0       | 0    | 0    | 15             | 90                   | 17.1       | 31.20       |
| S6         | 0.5         | 0       | 0    | 0    | 6              | 60                   | 17.5       | 31.17       |
|            | B-1(3.7)    | 0       | 0    | 0    | 2              | 56                   | 17.1       | 31.17       |
| ①<br>小長井港口 | 0.5         | 0       | 0    | 0    | 24,300         | 78                   | 18.1       | 30.45       |
|            | B-1(3.3)    | 0       | 0    | 0    | 7,200          | 72                   | 17.1       | 31.23       |
| ②<br>西郷港前  | 0.5         | 0       | 0    | 0    | 60             | 30                   | 17.5       | 31.37       |
|            | 2.5         | 0       | 0    | 0    | 100            | 10                   | 17.0       | 31.37       |
|            | B-1(6.2)    | 0       | 0    | 0    | 110            | 50                   | 16.9       | 31.41       |

## 赤潮発生状況速報

|                     |   |         |   |
|---------------------|---|---------|---|
| 1. 発見日時             | 平成26年4月29日  | 6. 漁業被害 | 調査中   |
| 2. 発生海域名            | 九州西部 有明海<br>諫早湾   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 小長町地先の海岸線に沿って着色   |         |   |
| 4. 水色<br>(1~108番)   | くらいき(33)  |         |   |
| 5. 優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 30,950cells/mL |         |   |

8. 参考図 5月2日現在



細胞数(cells/ml)

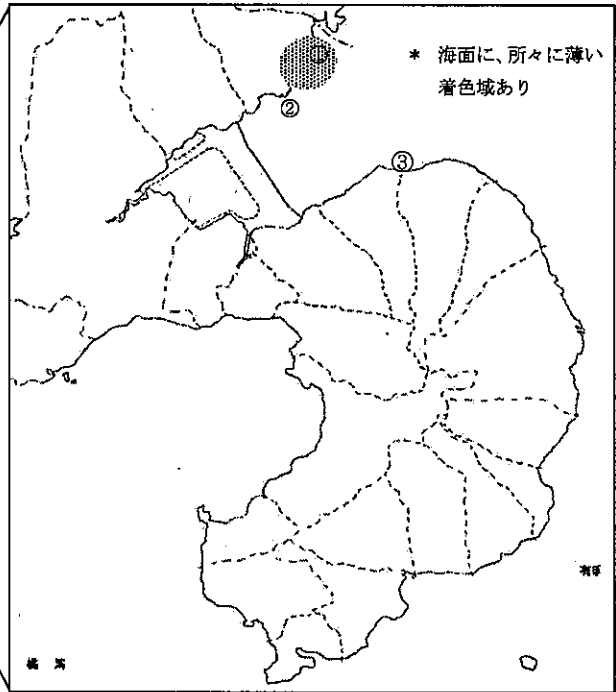
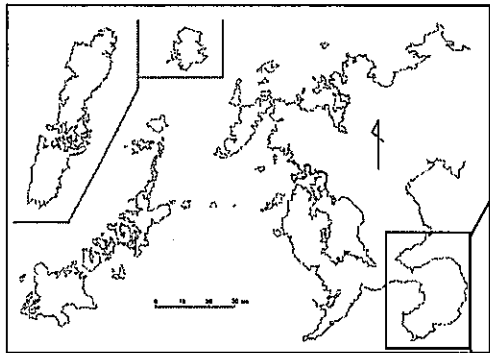
| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | ヘテロシグマ<br>アカシオ |
|----------|------------|-------------|----------------|
| ①小長井町築切港 | 19.7       | 30.6        | 30,950         |
| ②小長井中央港  | 18.3       | 31.6        | 3,200          |
| ③西郷港     | 17.8       | 30.8        | 25             |

備考 調査者:長崎県 県南水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年4月29日  | 6.漁業被害 | 調査中   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 小長町地先の海岸線に沿って着色   |        |   |
| 4.水色<br>(1~108番)   | くらいきみどり(42)   |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 11,000cells/mL |        |   |

8.参考図 5月3日現在



細胞数(cells/mL)

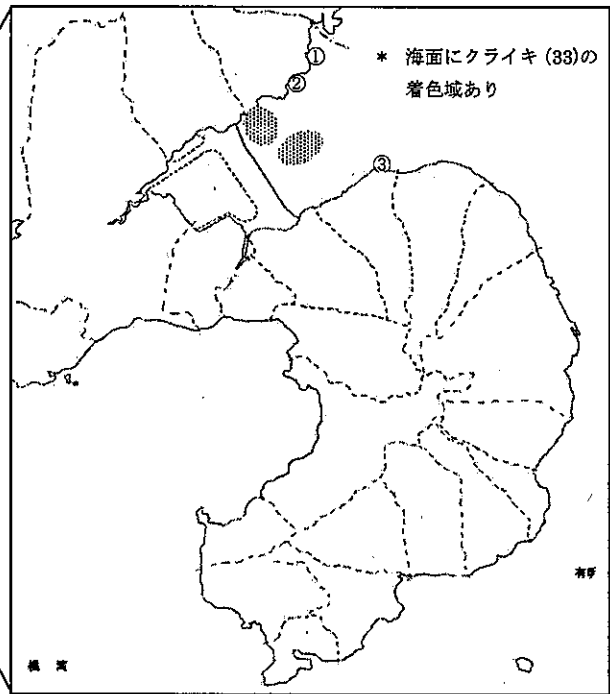
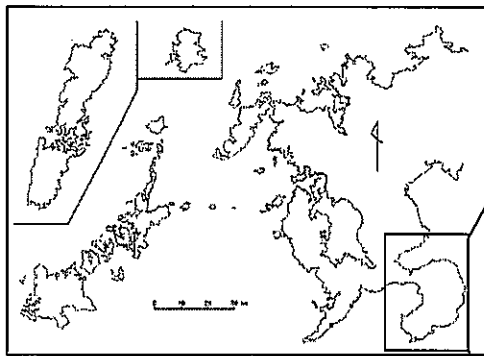
| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | ヘテロシグマ<br>アカシオ |
|----------|------------|-------------|----------------|
| ①小長井町築切港 | 18.3       | 30.1        | 11,000         |
| ②小長井中央港  | 18.8       | 31.1        | 5,600          |
| ③西郷港     | 18.7       | 30.5        | 400            |

備考 調査者:長崎県 県南水産業普及指導センター



# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年4月29日   | 6.漁業被害 | 調査中   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾中央～北部に着色域あり   |        |   |
| 4.水色<br>(1～108番)   | くらいき(33)   |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br><br>最高細胞数 1,383cells/mL |        |   |
| 8.参考図              | 5月7日現在   |        |   |



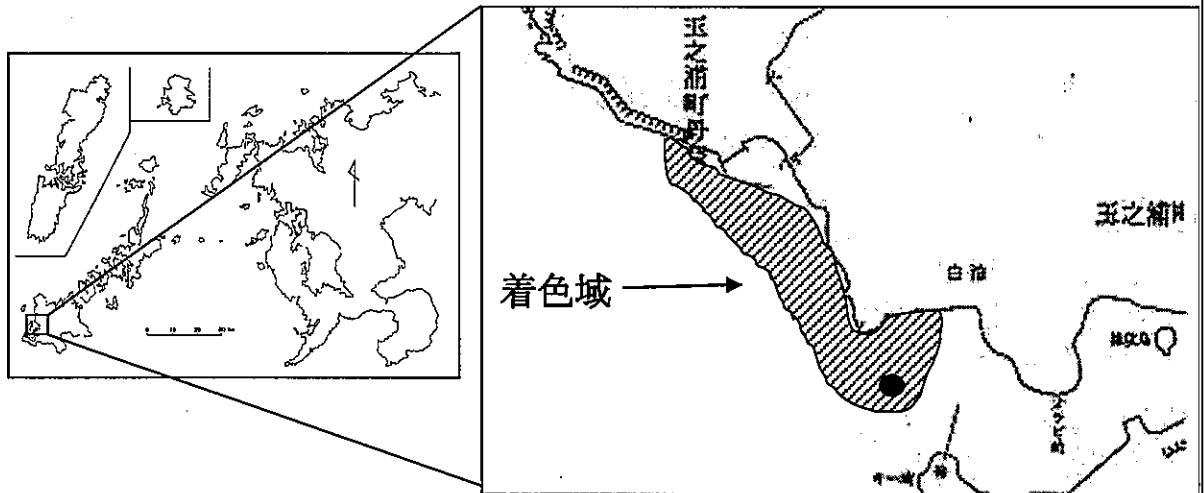
細胞数(cells/mL)

| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | ヘテロシグマ<br>アカシオ |
|----------|------------|-------------|----------------|
| ①小長井町築切港 | 18.5       | 32.0        | 983            |
| ②小長井中央港  | 18.9       | 31.8        | 1,383          |
| ③西郷港     | 17.8       | 31.8        | 167            |

備考 調査者:長崎県 県南水産業普及指導センター

# 赤潮発生状況速報

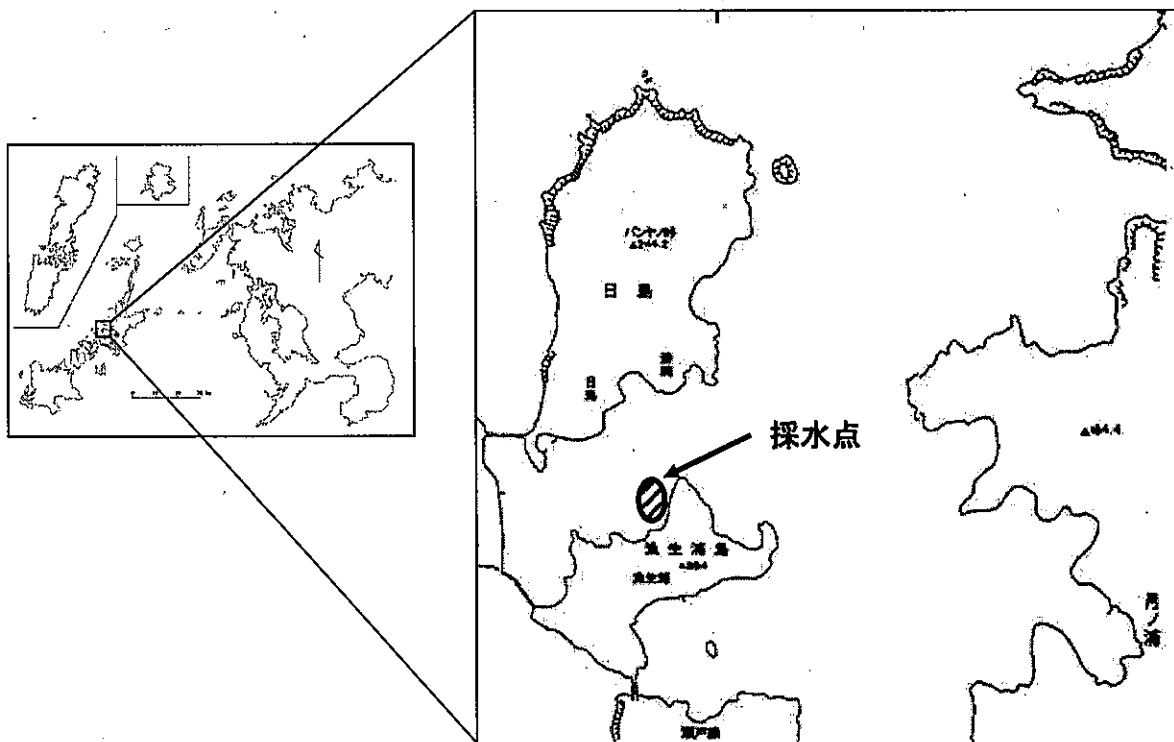
|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年4月30日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 離島 五島<br>五島市 玉之浦町 玉之浦湾                               | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 海岸線に沿って帯状に着色   |        |   |
| 4.水色<br>(1～108番)   | さえたあか(4)   |        |   |
| 5.優占種              | <i>Noctiluca scintilans</i><br><br>最高細胞数 368cells/mL |        |   |
| 8.参考図              | 4月30日現在  |        |   |



備考 調査者:長崎県 五島水産業普及指導センター

## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年5月10日                                    | 6.漁業被害 | 調査中  |
| 2.発生海域名            | 離島 五島<br>新上五島町 漁生浦地先                          | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 不明(赤潮の形成なし)                                   |        |  |
| 4.水色<br>(1~108番)   | 着色なし  |        |  |
| 5.優占種              | <i>Dictyocha</i> spp.<br><br>最高細胞数 45cells/mL |        |  |
| 8.参考図              | 5月10日現在                                       |        |  |

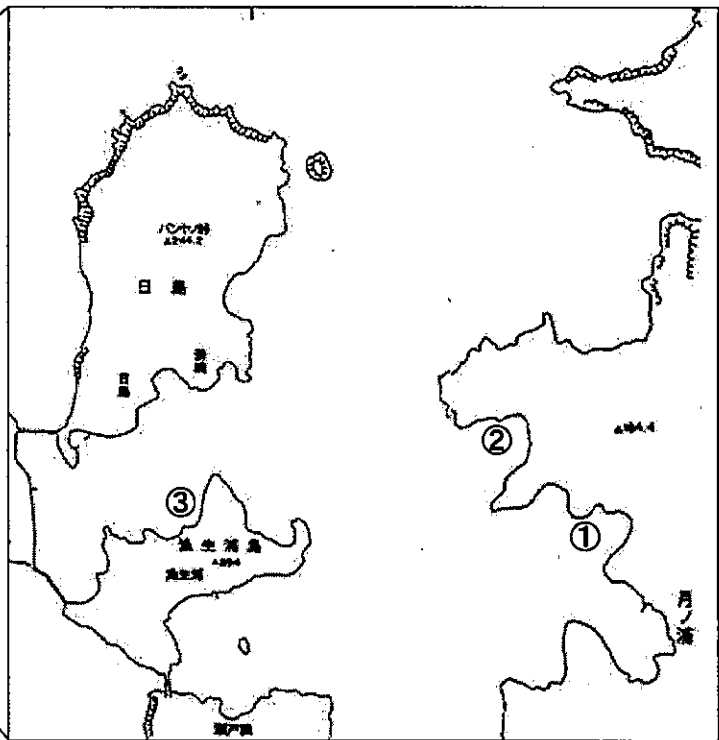
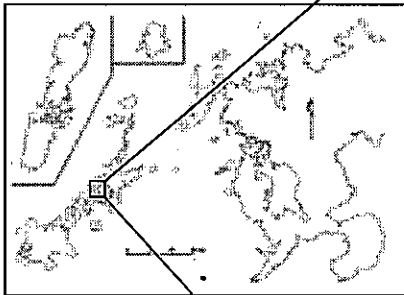


| 水深(m) | 細胞数(cells/mL) |
|-------|---------------|
| 0     | 27            |
| 5     | 32            |
| 10    | 45            |

備考 調査者:長崎県 上五島水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年5月10日                                    | 6.漁業被害 | 調査中  |
| 2.発生海域名            | 離島 五島<br>新上五島町 月ノ浦～漁生浦地先                      | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 不明(赤潮の形成なし)                                   |        |  |
| 4.水色<br>(1～108番)   | 着色なし  |        |  |
| 5.優占種              | <i>Dictyocha</i> spp.<br><br>最高細胞数 87cells/mL |        |  |
| 8.参考図              | 5月11日現在                                       |        |  |

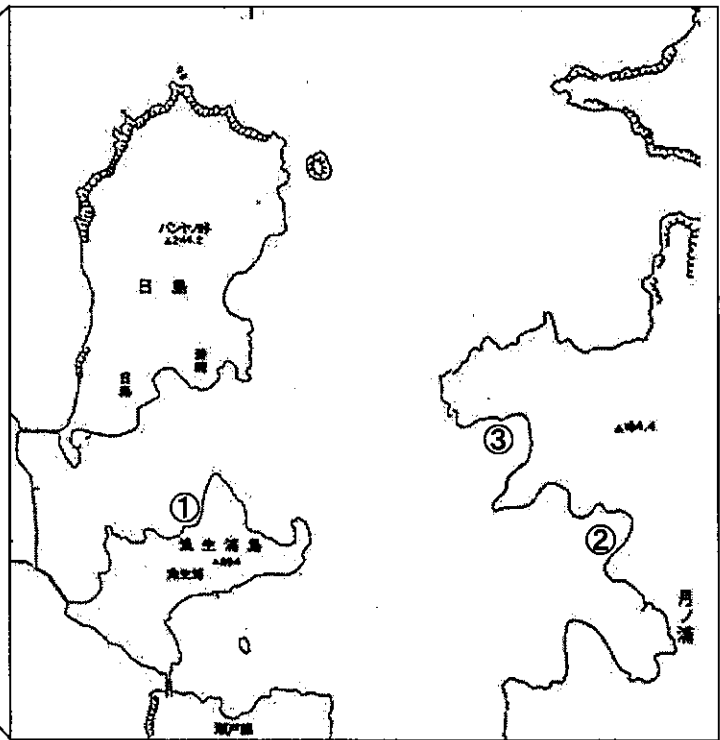
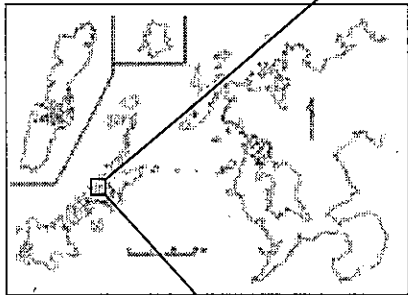


| 水深<br>(m) | 細胞数 (cells/ml) |    |    |
|-----------|----------------|----|----|
|           | ①              | ②  | ③  |
| 0         | 82             | 38 | 56 |
| 5         | 87             | 37 | 45 |
| 10        | 69             | 45 | 52 |

備考 調査者:長崎県 上五島水産業普及指導センター

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年5月10日                                     | 6.漁業被害 | 調査中   |
| 2.発生海域名            | 離島 五島<br>新上五島町 月ノ浦～漁生浦地先                       | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 不明(赤潮の形成なし)                                    |        |   |
| 4.水色<br>(1～108番)   | 着色なし   |        |   |
| 5.優占種              | <i>Dictyocha</i> spp.<br><br>最高細胞数 107cells/mL |        |   |
| 8.参考図              | 5月12日現在  |        |   |

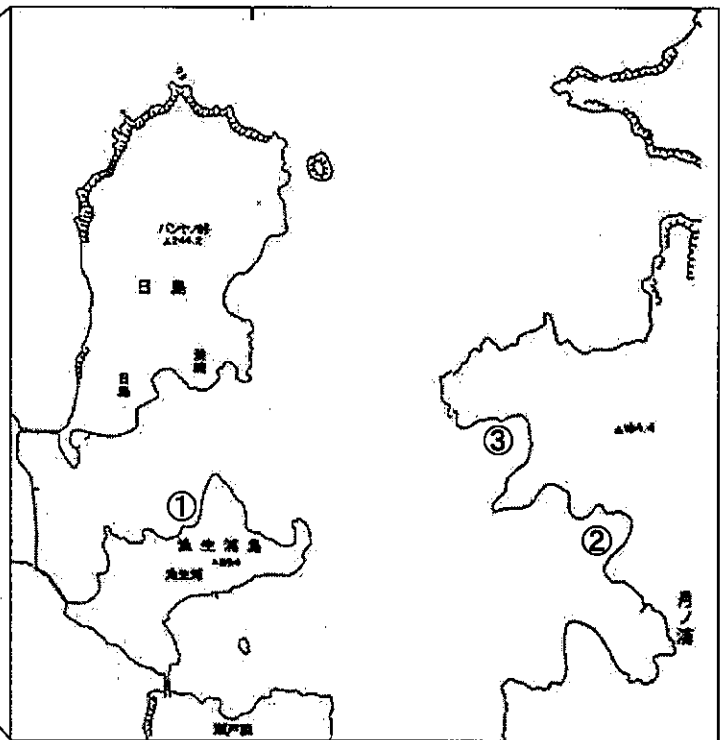
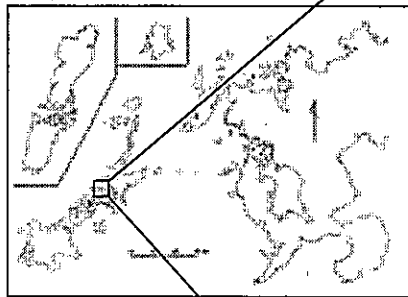


| 水深<br>(m) | 細胞数 (cells/ml) |    |    |
|-----------|----------------|----|----|
|           | ①              | ②  | ③  |
| 0         | 107            | 50 | 38 |
| 5         | 80             | 43 | 53 |
| 10        | 89             | 24 | 19 |

備考 調査者:長崎県 上五島水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年5月10日                                    | 6.漁業被害 | 調査中   |
| 2.発生海域名            | 離島 五島<br>新上五島町 月ノ浦～漁生浦地先                      | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 不明(赤潮の形成なし)                                   |        |   |
| 4.水色<br>(1～108番)   | 着色なし  |        |   |
| 5.優占種              | <i>Dictyocha</i> spp.<br><br>最高細胞数 30cells/mL |        |   |
| 8.参考図              | 5月13日現在                                       |        |   |



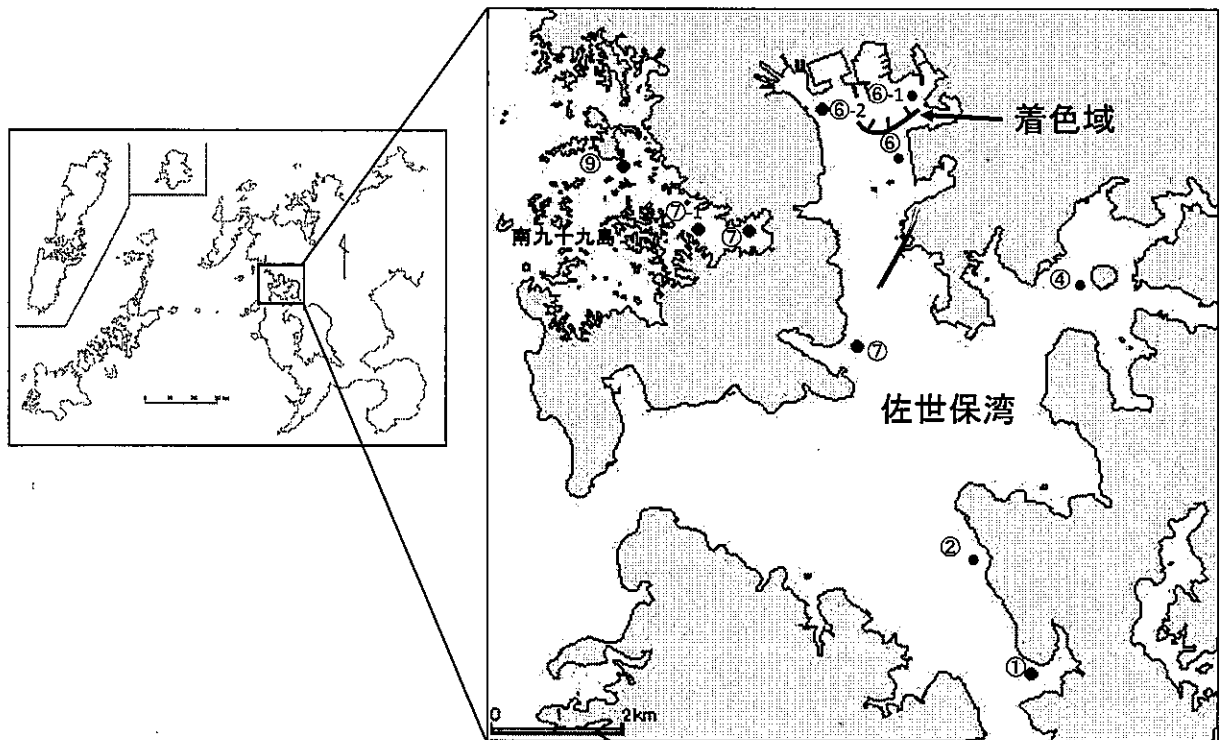
| 水深<br>(m) | 細胞数 (cells/ml) |    |    |
|-----------|----------------|----|----|
|           | ①              | ②  | ③  |
| 0         | 9              | 14 | 6  |
| 5         | 30             | 10 | 20 |
| 10        | 11             | 7  | 22 |

備考 調査者:長崎県 上五島水産業普及指導センター

## 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成 26年 5月 27日                                      | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾<br>(佐世保湾)                                 | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 佐世保港奥で着色域あり  |        |  |
| 4.水色<br>(1～108番)   | はいみきみのだいだい(27)                                     |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 2,500cells/ml |        |  |

8.参考図 5月27日現在 ※調査結果は別紙参照



備考 調査者：長崎県 総合水産試験場

# 赤潮調査結果

調査日：平成26年5月27日

別紙

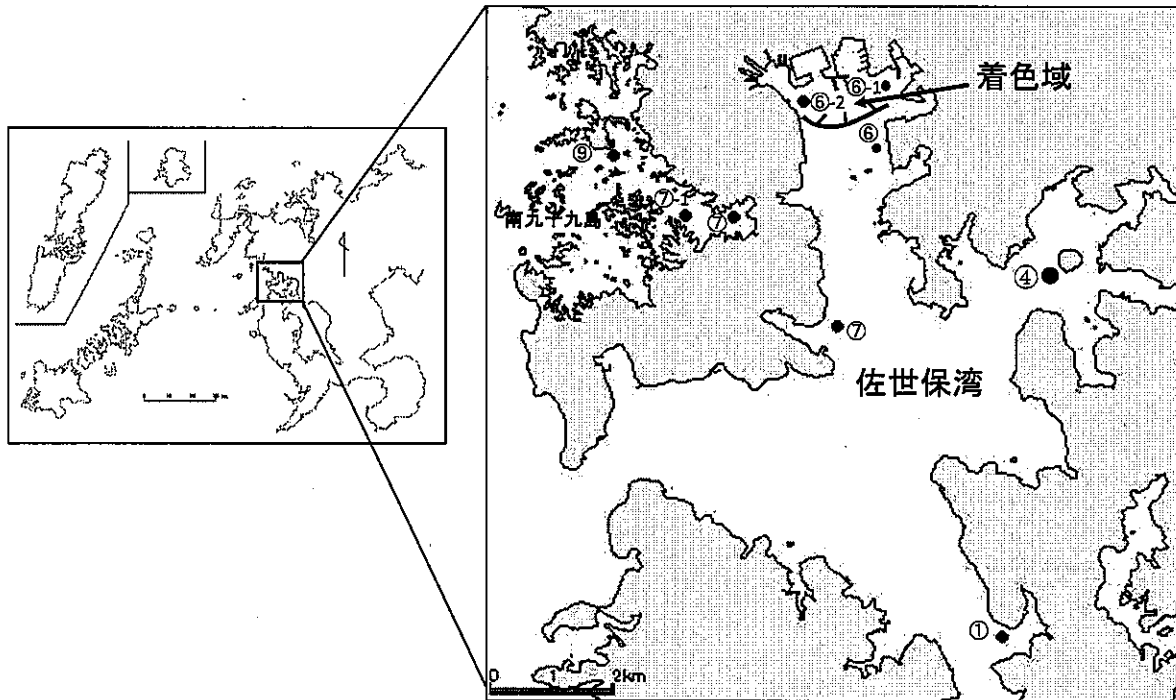
| 採水点          | 採水層<br>(m) | 水温<br>(°C) | 塩分    | ヘテロシグマ<br>アカシオ<br>(細胞/mL) | カレニア<br>ミキモトイ<br>(細胞/mL) | シャットネラ<br>アンティーカ<br>(細胞/mL) | ディクテオカ属<br>(細胞/mL) |
|--------------|------------|------------|-------|---------------------------|--------------------------|-----------------------------|--------------------|
| 佐世保湾<br>①    | 0.5        | 20.1       | 33.44 | 0                         | 0                        | 0                           | 7                  |
|              | 5          | 20.0       | 33.38 | 0                         | 0                        | 0                           | 3                  |
| 佐世保湾<br>②    | 0.5        | 20.1       | 33.46 | 0                         | 1                        | 0                           | 6                  |
|              | 5          | 19.6       | 33.93 | 0                         | 0                        | 0                           | 3                  |
| 佐世保湾<br>④    | 0.5        | 21.1       | 33.11 | 1                         | 0                        | 0                           | 0                  |
|              | 5          | 20.1       | 33.41 | 0                         | 1                        | 0                           | 4                  |
|              | 10         | 19.6       | 33.56 | 0                         | 5                        | 0                           | 8                  |
| 佐世保湾<br>⑥    | 0.5        | 20.6       | 33.19 | 1,860                     | 8                        | 0                           | 8                  |
|              | 3          | 20.3       | 33.32 | 120                       | 58                       | 2                           | 7                  |
|              | 5          | 20.2       | 33.38 | 40                        | 9                        | 0                           | 9                  |
| 佐世保湾<br>⑥-1  | 0.5        | 21.0       | 32.59 | 2,500                     | 2                        | 0                           | 4                  |
|              | 5          | 20.3       | 33.30 | 160                       | 16                       | 0                           | 5                  |
| 佐世保湾<br>⑥-2  | 0.5        | 20.7       | 32.44 | 150                       | 0                        | 0                           | 42                 |
|              | 3          | 20.6       | 33.11 | 70                        | 3                        | 0                           | 14                 |
|              | 5          | 20.1       | 33.38 | 70                        | 5                        | 0                           | 8                  |
| 佐世保湾<br>⑦    | 0.5        | 20.6       | 32.98 | 240                       | 0                        | 0                           | 3                  |
|              | 5          | 20.0       | 33.44 | 50                        | 0                        | 0                           | 9                  |
| 南九十九島<br>⑨   | 0.5        | 21.3       | 33.90 | 3                         | 0                        | 0                           | 3                  |
|              | 5          | 20.7       | 34.01 | 0                         | 0                        | 0                           | 3                  |
|              | 7          | 20.2       | 34.04 | 0                         | 6                        | 0                           | 2                  |
| 南九十九島<br>⑦-1 | 0.5        | 21.5       | 33.92 | 1                         | 0                        | 0                           | 12                 |
|              | 5          | 20.3       | 34.04 | 22                        | 2                        | 0                           | 10                 |
|              | 7          | 20.1       | 34.05 | 8                         | 32                       | 0                           | 4                  |
| 南九十九島<br>⑦   | 0.5        | 21.6       | 33.88 | 2                         | 0                        | 0                           | 3                  |
|              | 5          | 20.3       | 34.04 | 24                        | 8                        | 0                           | 12                 |



## 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成 26年 5月 27日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾<br>(佐世保湾)  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 佐世保港奥部で着色域あり  |        |   |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)  |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 9,700cells/ml<br><br><i>Karenia mikimotoi</i><br>最高細胞数 481cells/ml |        |   |

8.参考図 6月4日現在 ※調査結果は別紙参照



備考 調査者：長崎県 総合水産試験場

# 赤潮調査結果

調査日：平成 26 年 6 月 4 日

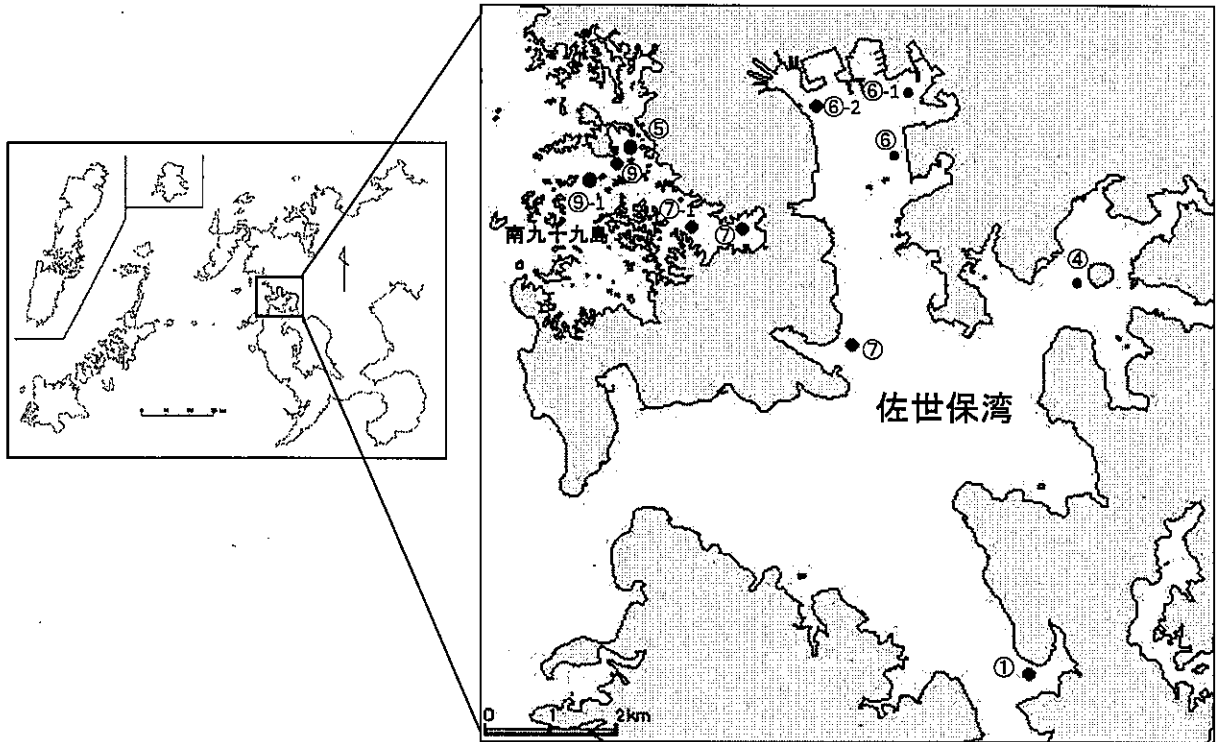
別紙

| 採水点          | 採水層<br>(m) | 水温<br>(°C) | 塩分    | ヘテロシグマ<br>アカシオ<br>(細胞/mL) | カレニア<br>ミキモトイ<br>(細胞/mL) | シャットネラ<br>アンディーカ<br>(細胞/mL) | ディクテオカ属<br>(細胞/mL) |
|--------------|------------|------------|-------|---------------------------|--------------------------|-----------------------------|--------------------|
| 佐世保湾<br>①    | 0.5        | 21.0       | 33.51 | 0                         | 0                        | 0                           | 1                  |
|              | 5          | 20.9       | 33.47 | 0                         | 0                        | 0                           | 2                  |
| 佐世保湾<br>④    | 0.5        | 21.0       | 33.54 | 0                         | 0                        | 0                           | 1                  |
|              | 5          | 20.8       | 33.62 | 0                         | 0                        | 0                           | 1                  |
| 佐世保湾<br>⑥    | 0.5        | 21.2       | 33.18 | 2,280                     | 7                        | 0                           | 1                  |
|              | 5          | 20.9       | 33.36 | 210                       | 7                        | 0                           | 1                  |
| 佐世保湾<br>⑥-1  | 0.5        | 21.2       | 32.66 | 4,340                     | 18                       | 0                           | 2                  |
|              | 5          | 20.8       | 33.21 | 600                       | 27                       | 0                           | 1                  |
| 佐世保湾<br>⑥-2  | 0.5        | 21.3       | 32.95 | 9,700                     | 11                       | 0                           | 1                  |
|              | 5          |            |       | 450                       | 20                       | 0                           | 4                  |
| 佐世保湾<br>⑦    | 0.5        | 21.2       | 33.33 | 90                        | 2                        | 0                           | 1                  |
|              | 5          | 21.1       | 33.38 | 12                        | 0                        | 0                           | 2                  |
| 南九十九島<br>⑨   | 0.5        | 21.5       | 34.06 | 0                         | 1                        | 0                           | 0                  |
|              | 5          | 21.2       | 34.05 | 0                         | 14                       | 0                           | 0                  |
| 南九十九島<br>⑦-1 | 0.5        | 21.3       | 34.05 | 0                         | 0                        | 0                           | 0                  |
|              | 5          | 20.9       | 34.06 | 1                         | 13                       | 0                           | 1                  |
|              | 7          | 20.7       | 34.07 | 0                         | 74                       | 0                           | 0                  |
| 南九十九島<br>⑦   | 0.5        | 21.2       | 34.05 | 0                         | 0                        | 0                           | 1                  |
|              | 4          | 20.8       | 34.08 | 39                        | 138                      | 0                           | 0                  |
|              | 5          | 20.7       | 34.08 | 13                        | 481                      | 0                           | 0                  |

## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成 26年 5月 27日   | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾<br>(佐世保湾)  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 佐世保港奥部で着色域あり  |        |  |
| 4.水色<br>(1~108番)   | はいみのきみのだいだい(45)   |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 3,400cells/ml<br><br><i>Karenia mikimotoi</i><br>最高細胞数 580cells/ml |        |  |

8.参考図 6月9日現在 ※調査結果は別紙参照



備考 調査者：長崎県 総合水産試験場

# 赤潮調査結果

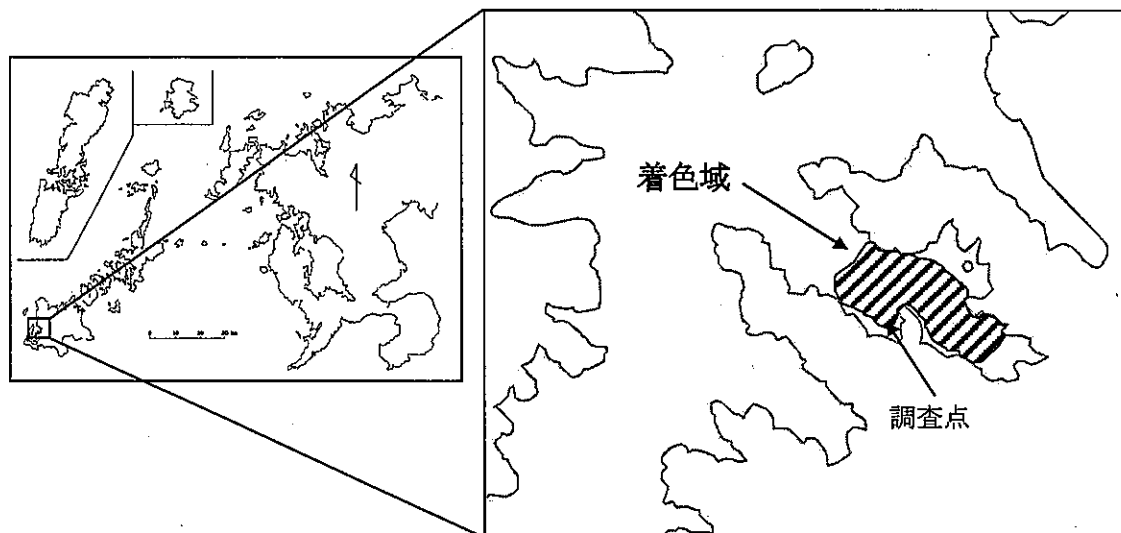
調査日：平成 26 年 6 月 9 日

別紙

| 採水点          | 採水層<br>(m) | 水温<br>(°C) | 塩分    | ヘテロシグマ<br>アカシオ<br>(細胞/mL) | カレニア<br>ミキモトイ<br>(細胞/mL) | シャットネラ<br>アンディーカ<br>(細胞/mL) | ディクテオカ属<br>(細胞/mL) |
|--------------|------------|------------|-------|---------------------------|--------------------------|-----------------------------|--------------------|
| 佐世保湾<br>①    | 0.5        | 20.9       | 33.74 | 1                         | 0                        | 0                           | 1                  |
|              | 5          | 20.8       | 33.74 | 0                         | 0                        | 0                           | 0                  |
| 佐世保湾<br>④    | 0.5        | 23.1       | 33.46 | 0                         | 0                        | 0                           | 0                  |
|              | 5          | 21.3       | 33.65 | 1                         | 0                        | 0                           | 2                  |
| 佐世保湾<br>⑥    | 0.5        | 22.3       | 33.54 | 130                       | 1                        | 0                           | 0                  |
|              | 3          | 21.6       | 33.58 | 70                        | 6                        | 0                           | 1                  |
|              | 5          | 21.3       | 33.59 | 90                        | 5                        | 0                           | 0                  |
| 佐世保湾<br>⑥-1  | 0.5        | 22.2       | 33.31 | 3,400                     | 0                        | 0                           | 1                  |
|              | 3          | 21.9       | 33.42 | 3,240                     | 3                        | 0                           | 0                  |
|              | 5          | 21.5       | 33.53 | 1,050                     | 5                        | 0                           | 0                  |
| 佐世保湾<br>⑥-2  | 0.5        | 22.1       | 33.34 | 210                       | 1                        | 0                           | 0                  |
|              | 3          | 21.5       | 33.55 | 260                       | 64                       | 0                           | 2                  |
|              | 5          | 21.2       | 33.59 | 120                       | 37                       | 0                           | 1                  |
| 佐世保湾<br>⑦    | 0.5        | 22.6       | 33.63 | 0                         | 0                        | 0                           | 0                  |
|              | 5          | 21.9       | 33.63 | 0                         | 0                        | 0                           | 2                  |
|              | 10         | 21.0       | 33.69 | 0                         | 35                       | 0                           | 2                  |
| 南九十九島<br>⑨   | 0.5        | 22.9       | 34.09 | 0                         | 2                        | 0                           | 1                  |
|              | 5          | 21.5       | 34.15 | 0                         | 2                        | 0                           | 1                  |
|              | 10         | 20.9       | 34.21 | 0                         | 35                       | 0                           | 1                  |
| 南九十九島<br>⑦-1 | 0.5        | 23.2       | 34.21 | 0                         | 0                        | 0                           | 0                  |
|              | 5          | 21.1       | 34.14 | 0                         | 8                        | 0                           | 0                  |
| 南九十九島<br>⑦   | 0.5        | 23.3       | 34.14 | 0                         | 0                        | 0                           | 0                  |
|              | 5          | 21.2       | 34.09 | 0                         | 30                       | 0                           | 0                  |
| 南九十九島<br>⑨-1 | 0.5        | 22.9       | 34.08 | 0                         | 0                        | 0                           | 0                  |
|              | 5          | 21.5       | 34.18 | 0                         | 17                       | 0                           | 0                  |
| 南九十九島<br>⑤   | 6          | 21.2       | 34.15 | 0                         | 580                      | 0                           | 1                  |
| 南九十九島<br>⑥   | 4          | 21.5       | 34.13 | 0                         | 2                        | 0                           | 0                  |

## 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年5月28日   | 6.漁業被害 | なし   |
| 2.発生海域名            | 離島 五島<br>五島市 玉之浦湾 荒川地先                                   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 入江の奥部広範囲に着色  |        |  |
| 4.水色<br>(1~108番)   | くらいあかみのだいたい(15)  |        |  |
| 5.優占種              | <i>Prorocentrum dentatum</i><br><br>最高細胞数 51,600cells/mL |        |  |
| 8.参考図              | 5月28日現在  |        |  |



調査地点(測定層 2.5m)

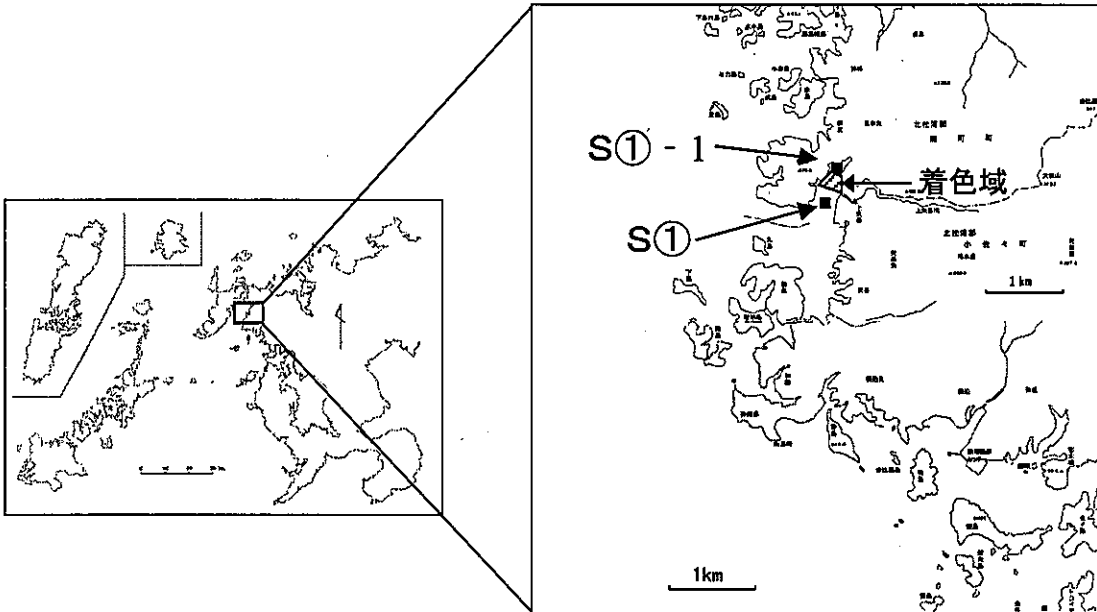
| 水温 (°C) | 塩分 (psu) | DO (mg/L) | DO (%) | 主なプランクトン                     | 細胞数<br>(cell/L) | 透明度 (m) | 水色 |
|---------|----------|-----------|--------|------------------------------|-----------------|---------|----|
| 19.72   | 33.62    | 9.66      | 129.8  | <i>Prorocentrum dentatum</i> | 51,600          | 1.5     | 15 |

備考 調査者:長崎県 五島水産業普及指導センター

## 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成 26年 6月 5日                                    | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 九十九島<br>鹿町町                                | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 上矢岳漁港北部に着色域あり                                   |        |   |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)                                  |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br>最高細胞数 5,780cells/ml |        |   |

8.参考図 6月5日現在



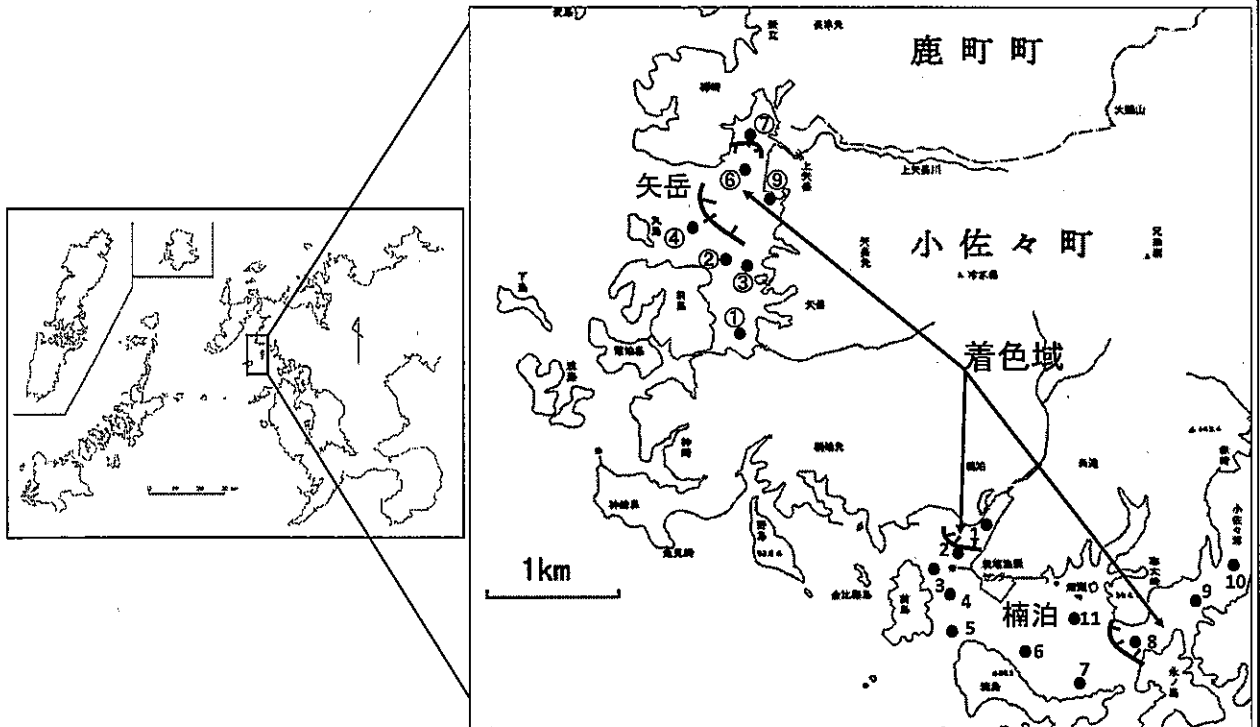
| 調査日           | H26.6.5    | 天気        | 曇り        |       |       |           |          |
|---------------|------------|-----------|-----------|-------|-------|-----------|----------|
| 調査点           | 観測層<br>(m) | 水温<br>(℃) | 着色の有無     | 観測時間  | 加コブミヤ | テイフカ spp. | オトコ spp. |
| S①            | 0.5        | -         | 無し        | -     | -     | -         | -        |
|               | 5          | -         |           |       | 3     | 2         | 0        |
|               | -          | -         |           |       | -     | -         | -        |
| S①-1<br>上矢岳地先 | 0          | 22.0      | 有り<br>赤茶色 | 15:05 | 5,780 | 0         | 0        |
|               | -          | -         | -         | -     | -     | -         | -        |

備考 調査者：長崎県 県北水産業普及指導センター

## 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成 26年 6月 5日                                    | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 九十九島<br>小佐々町 矢岳～楠泊                         | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 上矢岳漁港、楠泊漁港に着色域あり                                |        |   |
| 4.水色<br>(1～108番)   | はいみきみのだいたい(27)                                  |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br>最高細胞数 6,250cells/ml |        |   |

8.参考図 6月10日現在 ※調査結果は別紙参照



備考 調査者：長崎県 総合水産試験場

# 楠泊赤潮調査結果

2014年6月10日

別紙1

| 採水点 | 採水層(m) | 水温(℃) | 塩分‰   | カレニア<br>ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) | プロロセントラム<br>デンタータム<br>(細胞/mL) |
|-----|--------|-------|-------|--------------------------|----------------|-------------------------------|
| 1   | 0.5    | 22.3  | 33.95 | 610                      | 1,590          | 60                            |
|     | 2      | 22.0  | 34.12 | 2,000                    | 940            | 2,500                         |
|     | 5      | 21.2  | 34.21 | 1,220                    | 1,010          | 890                           |
| 2   | 0.5    | 20.8  | 34.26 | 4                        | 1,810          | 4                             |
|     | 5      | 22.2  | 34.09 | 110                      | 1,550          | 550                           |
| 3   | 0.5    | 21.3  | 34.21 | 0                        | 1,160          | 0                             |
|     | 5      | 22.1  | 34.17 | 25                       | 530            | 110                           |
|     | 8      | 21.8  | 34.19 | 120                      | 800            | 110                           |
| 4   | 0.5    | 21.4  | 34.23 | 0                        | 980            | 10                            |
|     | 5      | 20.9  | 34.26 | 22                       | 450            | 220                           |
| 5   | 0.5    | 22.2  | 34.16 | 0                        | 900            | 4                             |
|     | 5      | 21.3  | 34.22 | 26                       | 200            | 24                            |
| 6   | 0.5    | 22.1  | 34.16 | 0                        | 1,290          | 0                             |
|     | 3      | 21.3  | 34.23 | 42                       | 880            | 350                           |
|     | 5      | 22.1  | 34.16 | 110                      | 830            | 1,190                         |
| 7   | 0.5    | 21.5  | 34.23 | 70                       | 800            | 200                           |
|     | 5      | 21.2  | 34.22 | 870                      | 420            | 410                           |
| 8   | 0.5    | 21.8  | 34.12 | 3,120                    | 210            | 3,060                         |
|     | 2      | 21.4  | 34.21 | 1,480                    | 860            | 2,760                         |
|     | 5      | 21.9  | 34.10 | 750                      | 620            | 1,240                         |
| 9   | 2      | 21.7  | 34.14 | 1,240                    | 200            | 6,500                         |
|     | 5      | 21.0  | 34.23 | 1,180                    | 570            | 860                           |
| 10  | 2      | 21.6  | 34.17 | 430                      | 630            | 1,880                         |
|     | 4      | 21.2  | 34.21 | 70                       | 140            | 550                           |
| 11  | 0.5    | 21.8  | 34.09 | 0                        | 1,000          | 8                             |
|     | 4      | 21.8  | 34.14 | 910                      | 580            | 1,130                         |



# 矢岳赤潮調査結果

2014年6月10日

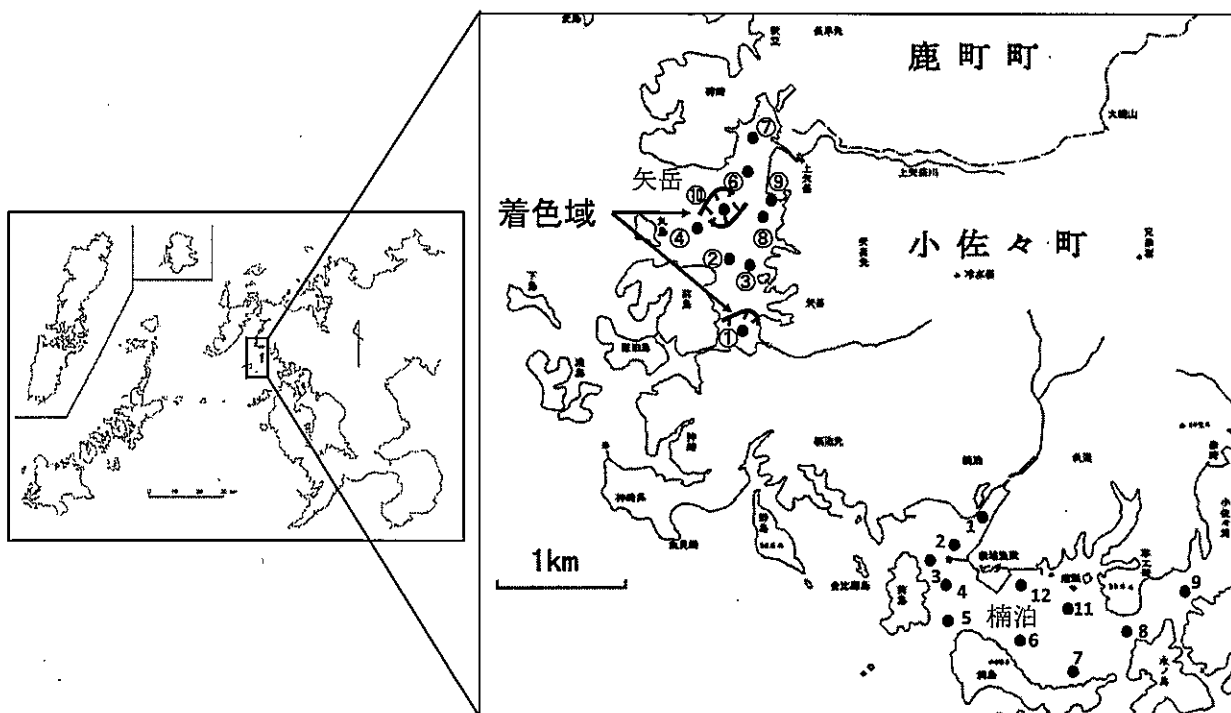
別紙2

| 採水点 | 採水層(m) | 水温(℃) | 塩分‰   | カレニア<br>ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) | プロロセントラム<br>デンタータム<br>(細胞/mL) |
|-----|--------|-------|-------|--------------------------|----------------|-------------------------------|
| ⑨   | 0.5    | 21.3  | 34.20 | 1,530                    | 1,170          | 40                            |
|     | 1.4    | 21.2  | 34.22 | 6,250                    | 1,110          | 240                           |
| ③   | 0.5    | 22.0  | 34.19 | 460                      | 1,690          | 2                             |
|     | 2.5    | 21.6  | 34.23 | 1,240                    | 1,180          | 840                           |
|     | 5      | 20.8  | 34.27 | 860                      | 1,360          | 50                            |
| ①   | 0.5    | 22.3  | 34.15 | 1                        | 1,020          | 0                             |
|     | 2.5    | 22.2  | 34.17 | 170                      | 3,150          | 20                            |
| ②   | 0.5    | 21.8  | 34.20 | 14                       | 1,280          | 4                             |
|     | 3      | 21.6  | 34.23 | 1,170                    | 1,570          | 130                           |
| ④   | 0.5    | 21.4  | 34.21 | 110                      | 1,490          | 10                            |
|     | 2.5    | 21.2  | 34.24 | 590                      | 720            | 20                            |
| ⑥   | 0.5    | 20.9  | 34.25 | 3,900                    | 380            | 180                           |
|     | 2.5    | 20.9  | 34.25 | 3,270                    | 70             | 60                            |
| ⑦   | 0.5    | 20.8  | 34.22 | 1,110                    | 210            | 70                            |
|     | 2.5    | 20.7  | 34.26 | 500                      | 360            | 50                            |

## 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成 26年 6月 5日                                    | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 九十九島<br>小佐々町 矢岳～楠泊                         | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 矢岳地先に着色域あり                                      |        |   |
| 4.水色<br>(1～108番)   | はいみのきみどり(45)                                    |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br>最高細胞数 3,125cells/ml |        |   |

8.参考図 6月13日現在 ※調査結果は別紙参照



備考 調査者：長崎県 総合水産試験場

# 楠泊赤潮調査結果

2014年6月13日

別紙 1

| 採水点 | 採水層(m) | 水温(℃) | 塩分‰   | カレニア<br>ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) | プロロセントラム<br>デンタータム<br>(細胞/mL) |
|-----|--------|-------|-------|--------------------------|----------------|-------------------------------|
| 11  | 0.5    | 21.55 | 34.23 | 1                        | 120            | 3                             |
|     | 5      | 21.11 | 34.25 | 140                      | 220            | 1,720                         |
| 8   | 0.5    | 21.52 | 34.20 | 2                        | 220            | 6                             |
|     | 5      | 20.92 | 34.26 | 2                        | 240            | 240                           |
| 9   | 0.5    | 21.57 | 34.16 | 0                        | 290            | 4                             |
|     | 5      | 21.07 | 34.24 | 2                        | 460            | 150                           |
| 7   | 0.5    | 21.77 | 34.24 | 0                        | 170            | 6                             |
|     | 5      | 21.06 | 34.26 | 0                        | 490            | 124                           |
|     | 8      | 21.00 | 34.27 | 0                        | 420            | 410                           |
| 6   | 0.5    | 21.56 | 34.24 | 0                        | 270            | 4                             |
|     | 5      | 21.06 | 34.27 | 0                        | 450            | 40                            |
| 5   | 0.5    | 21.51 | 34.25 | 0                        | 270            | 2                             |
|     | 5      | 21.17 | 34.25 | 0                        | 330            | 22                            |
| 4   | 0.5    | 21.66 | 34.24 | 0                        | 800            | 2                             |
|     | 5.8    | 21.02 | 34.27 | 22                       | 200            | 5,750                         |
| 3   | 0.5    | 21.75 | 34.23 | 0                        | 470            | 8                             |
|     | 6.8    | 21.03 | 34.27 | 10                       | 210            | 4,950                         |
| 2   | 7      | 20.96 | 34.27 | 0                        | 260            | 3,750                         |
| 1   | 0.5    | 21.69 | 34.22 | 0                        | 160            | 0                             |
|     | 5.8    | 20.99 | 34.27 | 0                        | 60             | 1,200                         |
| 12  | 0.5    | 21.39 | 34.28 | 0                        | 220            | 450                           |
|     | 2.5    | 21.21 | 34.24 | 0                        | 70             | 4,300                         |

# 矢岳赤潮調査結果

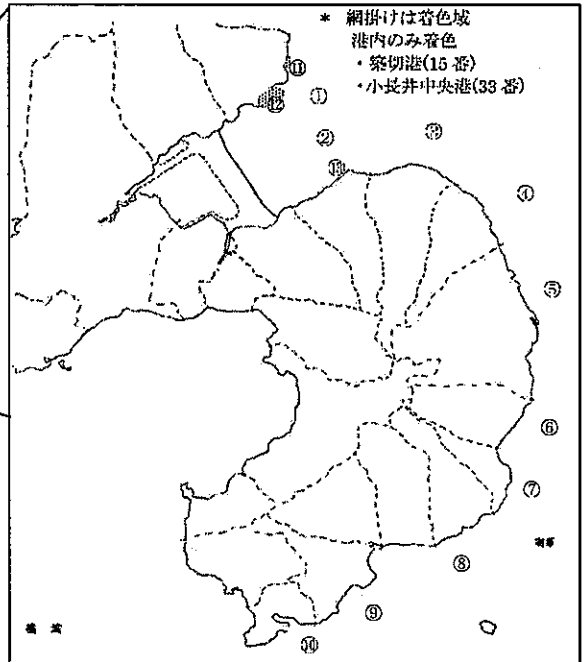
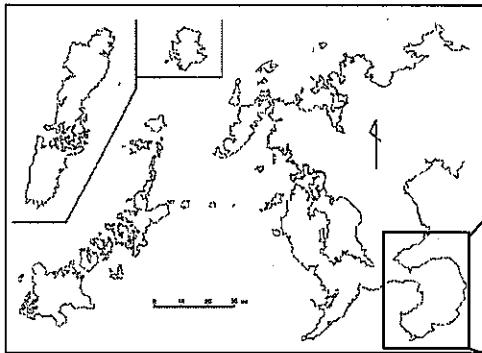
2014年6月13日

別紙2

| 採水点 | 採水層(ｍ) | 水温(℃) | 塩分‰   | カレニア<br>ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) | プロロセントラム<br>デンタータム<br>(細胞/mL) |
|-----|--------|-------|-------|--------------------------|----------------|-------------------------------|
| ⑨   | 0.5    | 21.99 | 34.13 | 0                        | 320            | 0                             |
|     | 3.5    | 21.14 | 34.31 | 90                       | 230            | 10                            |
| ③   | 0.5    | 21.31 | 34.28 | 0                        | 740            | 0                             |
|     | 6      | 20.66 | 34.29 | 34                       | 240            | 200                           |
| ①   | 0.5    | 21.96 | 34.25 | 780                      | 280            | 20                            |
|     | 3.0    | 20.88 | 34.30 | 3,125                    | 250            | 1,050                         |
| ②   | 0.5    | 21.96 | 34.25 | 16                       | 620            | 4                             |
|     | 6.0    | 20.73 | 34.30 | 20                       | 490            | 14                            |
| ④   | 0.5    | 21.47 | 34.40 | 2                        | 160            | 8                             |
|     | 6.0    | 20.73 | 34.32 | 60                       | 180            | 30                            |
| ⑩   | 0.5    | 21.50 | 34.27 | 3,125                    | 290            | 110                           |
|     | 3.0    | 21.15 | 34.25 | 2,000                    | 210            | 6                             |
| ⑥   | 0.5    | 21.69 | 34.25 | 125                      | 450            | 30                            |
|     | 3.0    | 21.50 | 34.25 | 900                      | 390            | 280                           |
| ⑦   | 0.5    | 21.89 | 34.23 | 2                        | 760            | 6                             |
|     | 8.0    | 20.75 | 34.29 | 36                       | 190            | 24                            |
| ⑧   | 0.5    | 21.98 | 34.24 | 2                        | 940            | 2                             |
|     | 5.5    | 20.79 | 34.29 | 80                       | 220            | 110                           |

# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年6月9日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 小長井町地先の海岸線に沿って着色  |        |   |
| 4.水色<br>(1~108番)   | くらいあかみのだいたい(15)   |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 6,450cells/mL<br><br><i>Prorocentrum minimum</i><br>最高細胞数 38,933cells/mL |        |   |
| 8.参考図              | 6月9日現在  |        |   |



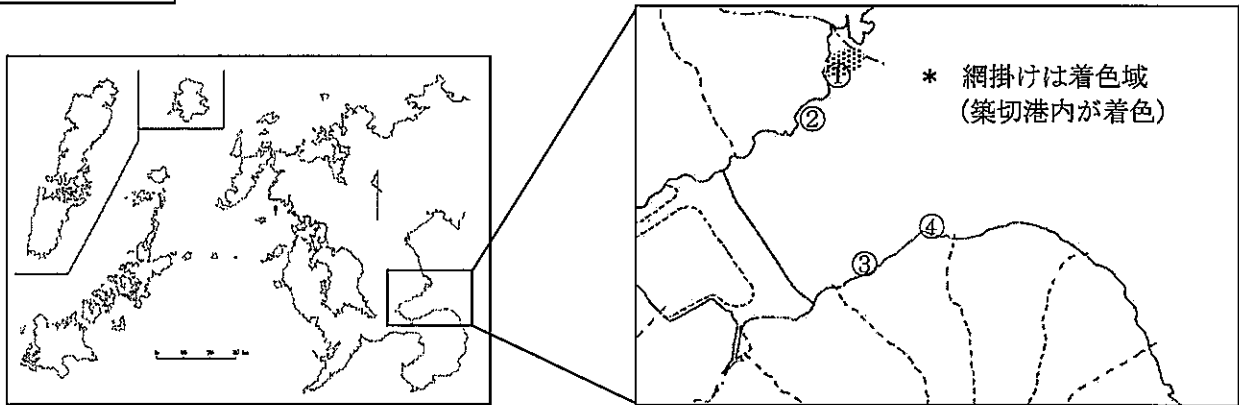
細胞数  
(cells/mL)

| 調査点     | 水温<br>(°C) | 塩分<br>(psu) | ヘテロシグマ<br>アカシオ | プロロセントラム<br>ミニナム |
|---------|------------|-------------|----------------|------------------|
| ①北部1    | 22.6       | 30.4        | 0              | 30               |
| ②北部2    | 22.9       | 30.6        | 0              | 23               |
| ③北部3    | 22.6       | 30.7        | 0              | 15               |
| ④北部4    | 22.9       | 30.6        | 0              | 19               |
| ⑤北部5    | 22.6       | 30.8        | 1              | 23               |
| ⑥南部1    | 22.6       | 31.5        | 0              | 27               |
| ⑦南部2    | 22.0       | 31.8        | 0              | 17               |
| ⑧南部3    | 21.7       | 32.1        | 0              | 14               |
| ⑨南部4    | 21.2       | 32.7        | 0              | 4                |
| ⑩南部5    | 20.8       | 33.2        | 0              | 1                |
| ⑪築切港    | 27.3       | 30.6        | 6,450          | 22,133           |
| ⑫小長井中央港 | 28.0       | 29.3        | 67             | 38,933           |
| ⑬西郷港    | 25.3       | 30.3        | 1,200          | 850              |

備考 調査者:長崎県 県南水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年6月9日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 築切港内に着色域あり  |        |   |
| 4.水色<br>(1~108番)   | くらいあかみのだいたい(15)   |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 24,167cells/mL<br><br><i>Prorocentrum minimum</i><br>最高細胞数 250cells/mL |        |   |
| 8.参考図              | 6月10日現在   |        |   |



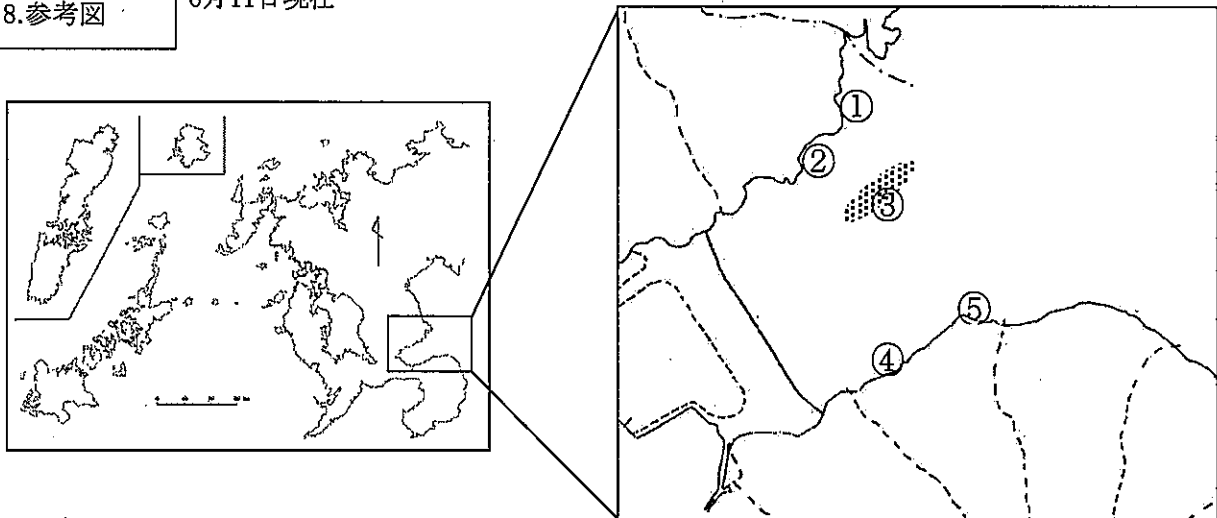
| 調査点     | 水温<br>(°C) | 塩分<br>(psu) | 細胞数(cells/ml)  |                  |
|---------|------------|-------------|----------------|------------------|
|         |            |             | ヘテロシグマ<br>アカシオ | プロロセントラム<br>ミニマム |
| ①築切港    | 24.9       | 30.8        | 24,167         | 183              |
| ②小長井中央港 | 22.9       | 31.0        | 33             | 250              |
| ③大正港    | 24.1       | 31.2        | 0              | 2                |
| ④西郷港    | 23.3       | 30.8        | 0              | 0                |

備考 調査者:長崎県 県南水産業普及指導センター

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年6月9日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾                                    | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 湾央に着色域あり   |        |   |
| 4.水色<br>(1~108番)   | にぶいきみどり(43)  |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 3,900cells/mL |        |   |

8.参考図 6月11日現在



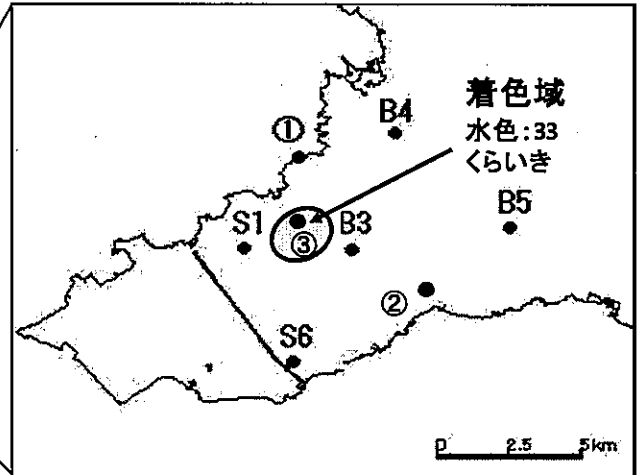
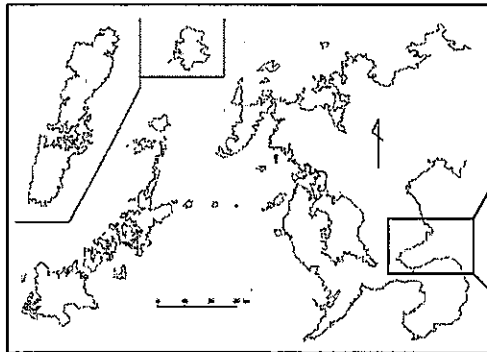
細胞数(cells/ml)

| 調査点     | 水温<br>(°C) | 塩分<br>(psu) | ヘテロシグマ<br>アカシオ | プロロセントラム<br>ミニマム |
|---------|------------|-------------|----------------|------------------|
| ①築切港    | 25.7       |             | 46             | 4                |
| ②小長井中央港 | 25.6       |             | 22             | 8                |
| ③小長井沖合  | 24.8       |             | 3,900          | 0                |
| ④大正港    | 26.4       | 31.3        | 0              | 0                |
| ⑤西郷港    | 25.5       | 29.9        | 129            | 17               |

備考 調査者:長崎県 県南水産業普及指導センター

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年6月9日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾                                    | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 図のとおり  |        |  |
| 4.水色<br>(1~108番)   | くらいき(33)   |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 7,000cells/mL |        |  |
| 8.参考図              | 6月12日現在 ※調査結果は別紙参照                                 |        |  |



備考 調査者:長崎県 総合水産試験場



# 赤潮調査結果

2014年 6月 12日

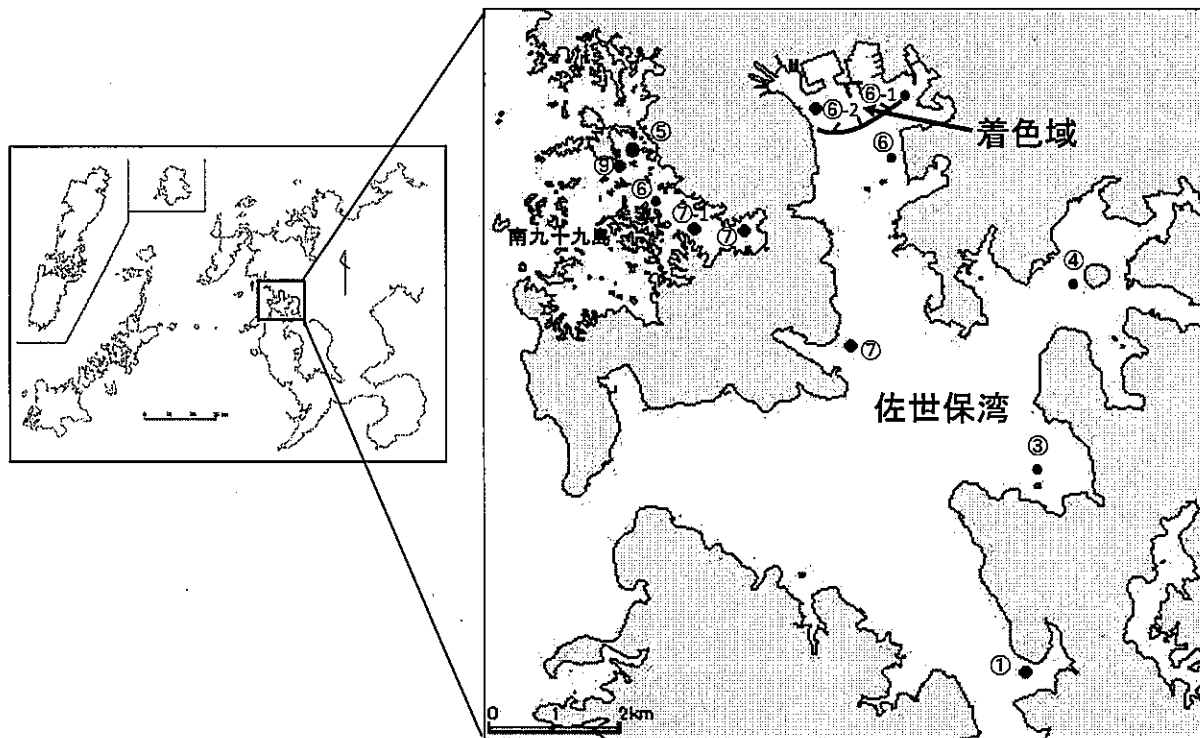
別紙

|            | 観測水深<br>(m) | 有害種    |      |      | ヘテロシグマ<br>アカシオ | *プランクトン細胞数はcells/mL |            |             |
|------------|-------------|--------|------|------|----------------|---------------------|------------|-------------|
|            |             | シャットネラ |      |      |                | 珪藻類                 | 水温<br>(°C) | 塩分<br>(psu) |
|            |             | アンディーカ | マリーナ | オパータ |                |                     |            |             |
| B3         | 0.5         | 0.0    | 0.0  | 0.0  | 10             | 4                   | 23.6       | 30.98       |
|            | 5           | 0.0    | 0.0  | 0.0  | 2              | 6                   | 23.0       | 31.11       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 0              | 5                   | 22.7       | 31.20       |
| B4         | 0.5         | 0.0    | 0.0  | 0.0  | 11             | 30                  | 23.3       | 31.02       |
|            | 5           | 0.0    | 0.0  | 0.0  | 2              | 18                  | 22.9       | 31.14       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 1              | 27                  | 22.5       | 31.26       |
| B5         | 0.5         | 0.0    | 0.0  | 0.0  | 0              | 16                  | 22.6       | 31.56       |
|            | 5           | 0.0    | 0.0  | 0.0  | 0              | 5                   | 22.1       | 31.68       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 0              | 29                  | 21.3       | 32.17       |
| S1         | 0.5         | 0.0    | 0.0  | 0.0  | 4              | 14                  | 25.7       | 29.69       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 0              | 3                   | 24.6       | 30.11       |
| S6         | 0.5         | 0.0    | 0.0  | 0.0  | 1              | 11                  | 25.3       | 30.40       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 0              | 6                   | 24.9       | 30.37       |
| ①<br>小長井港口 | 0.5         | 0.0    | 0.0  | 0.0  | 0              | 2                   | 24.2       | 30.65       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 0              | 3                   | 24.1       | 30.73       |
| ②<br>西郷港前  | 0.5         | 0.0    | 0.0  | 0.0  | 2              | 8                   | 23.8       | 30.89       |
|            | 2.5         | 0.0    | 0.0  | 0.0  | 0              | 9                   | 22.5       | 31.29       |
|            | B-1         | 0.0    | 0.0  | 0.0  | 0              | 3                   | 22.4       | 31.34       |
| ③          | 0           | 0.0    | 0.0  | 0.0  | 7,000          | 20                  |            |             |

## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成 26年 6月 16日                                 | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾<br>(佐世保湾)                            | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 佐世保港奥部で着色域あり                                  |        |  |
| 4.水色<br>(1~108番)   | はいみのき(36)                                     |        |  |
| 5.優占種              | <i>Karenia mikimotoi</i><br>最高細胞数 540cells/ml |        |  |

8.参考図 6月16日現在 ※調査結果は別紙参照



備考 調査者：長崎県 総合水産試験場

# 赤潮調査結果

調査日：平成 26 年 6 月 16 日

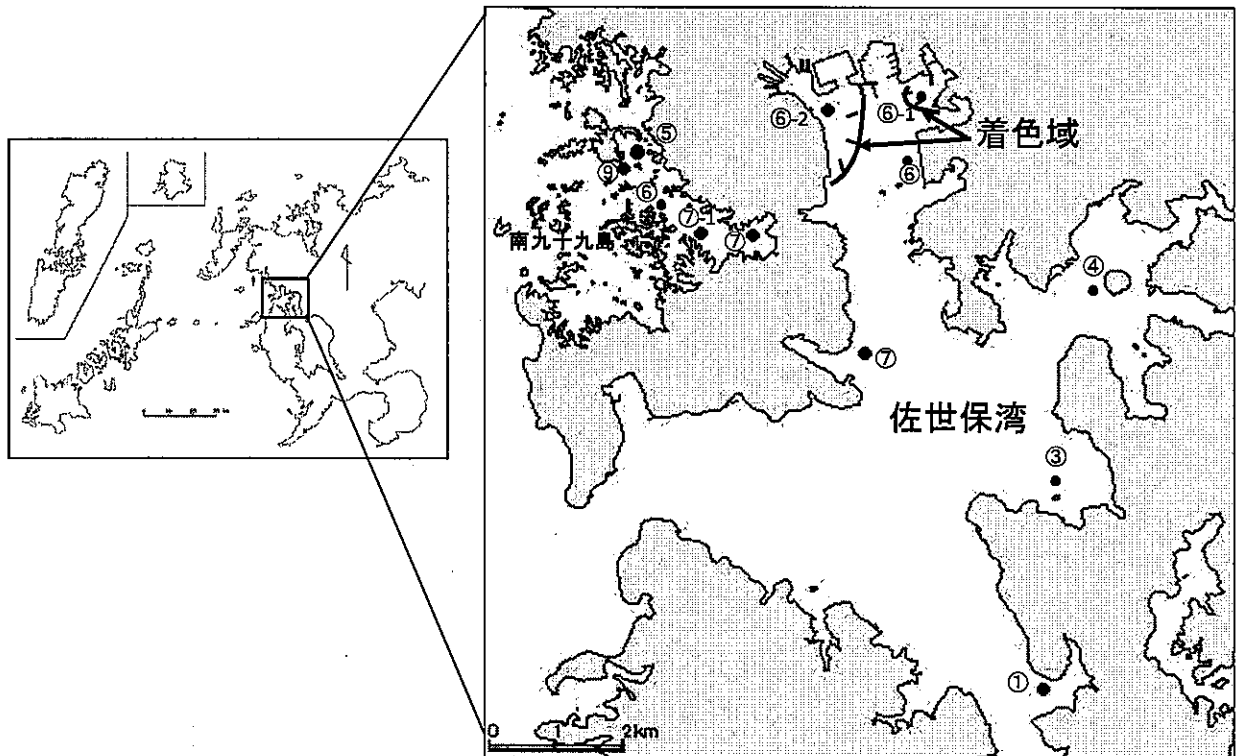
別紙

| 採水点          | 採水層<br>(m) | 水温<br>(°C) | 塩分    | カレニア<br>ミキモトイ<br>(細胞/mL) | シャットネラ<br>アンティーカ<br>(細胞/mL) | プロロセントラム<br>デンタータム<br>(細胞/mL) | 珪藻類<br>(細胞/mL) |
|--------------|------------|------------|-------|--------------------------|-----------------------------|-------------------------------|----------------|
| 佐世保湾<br>①    | 0.5        | 22.0       | 33.53 | 0                        | 0                           | 0                             | 60             |
|              | 5          | 21.9       | 33.53 | 0                        | 0                           | 0                             | 70             |
| 佐世保湾<br>③    | 0.5        | 22.5       | 33.68 | 0                        | 0                           | 2                             | 550            |
|              | 5          | 21.8       | 33.61 | 0                        | 0                           | 14                            | 50             |
| 佐世保湾<br>④    | 0.5        | 23.0       | 33.63 | 0                        | 0                           | 2                             | 660            |
|              | 6.5        | 21.8       | 33.67 | 16                       | 0                           | 8                             | 520            |
| 佐世保湾<br>⑥    | 0.5        | 22.8       | 33.47 | 0                        | 0                           | 10                            | 1,730          |
|              | 5          | 22.0       | 33.64 | 8                        | 0                           | 340                           | 750            |
| 佐世保湾<br>⑥-1  | 0.5        | 22.6       | 33.12 | 11                       | 0                           | 170                           | 3,600          |
|              | 1.5        | 22.4       | 33.33 | 120                      | 0                           | 480                           | 4,550          |
|              | 5.0        | 22.2       | 33.55 | 10                       | 0                           | 230                           | 2,200          |
| 佐世保湾<br>⑥-2  | 0.5        | 22.7       | 33.08 | 260                      | 0                           | 150                           | 4,850          |
|              | 1.5        | 22.6       | 33.41 | 540                      | 0                           | 570                           | 4,450          |
|              | 5.0        | 22.1       | 33.59 | 160                      | 0                           | 570                           | 3,850          |
| 佐世保湾<br>⑦    | 0.5        | 22.0       | 33.56 | 0                        | 0                           | 0                             | 30             |
|              | 5          | 21.8       | 33.61 | 2                        | 0                           | 14                            | 50             |
| 南九十九島<br>⑨   | 0.5        | 23.0       | 34.14 | 0                        | 0                           | 0                             | 520            |
|              | 5          | 22.1       | 34.17 | 0                        | 0                           | 1                             | 440            |
| 南九十九島<br>⑤   | 0.5        | 23.2       | 34.17 | 0                        | 0                           | 1                             | 1,480          |
|              | 5          | 22.2       | 34.18 | 0                        | 0                           | 80                            | 970            |
| 南九十九島<br>⑥   | 0.5        | 23.4       | 34.10 | 0                        | 0                           | 1                             | 1,550          |
|              | 5          | 22.1       | 34.15 | 0                        | 0                           | 4                             | 1,080          |
| 南九十九島<br>⑦-1 | 0.5        | 23.5       | 34.11 | 2                        | 0                           | 70                            | 1,480          |
|              | 5          | 22.2       | 34.17 | 16                       | 0                           | 24                            | 1,000          |
| 南九十九島<br>⑦   | 0.5        | 23.4       | 34.13 | 0                        | 0                           | 1                             | 1,150          |
|              | 5          | 22.2       | 34.19 | 10                       | 0                           | 24                            | 1,200          |
|              | 7          | 22.0       | 34.19 | 32                       | 0                           | 36                            | 860            |

## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成 26年 6月 16日                                   | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾<br>(佐世保湾)                              | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 佐世保港奥部で着色域あり                                    |        |  |
| 4.水色<br>(1~108番)   | はいみのきみどり(45)                                    |        |  |
| 5.優占種              | <i>Karenia mikimotoi</i><br>最高細胞数 1,060cells/ml |        |  |

8.参考図 6月23日現在 ※調査結果は別紙参照



備考 調査者：長崎県 県央水産業普及指導センター、総合水産試験場

# 赤潮調査結果

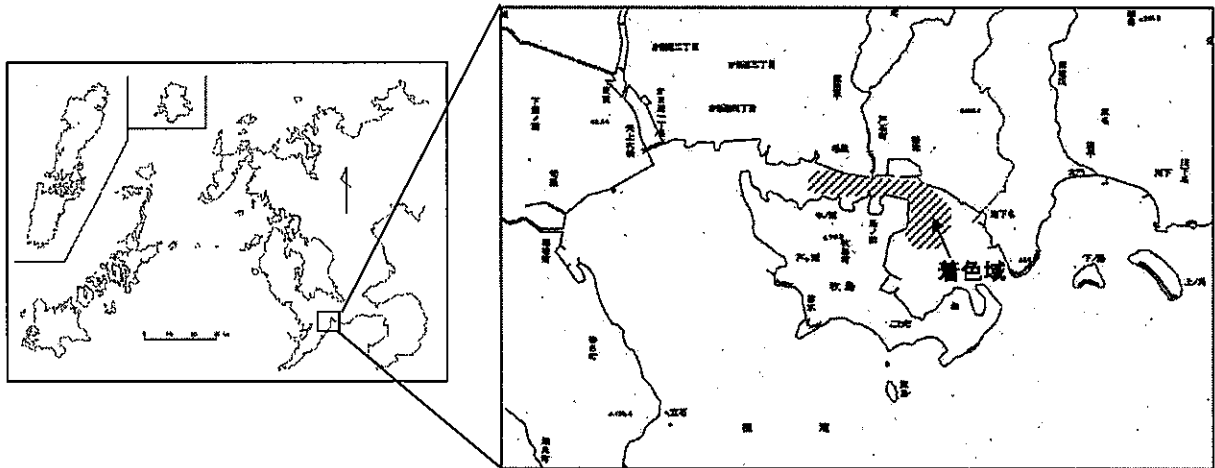
調査日：平成 26 年 6 月 23 日

別紙

| 採水点          | 採水層<br>(m) | 水温<br>(°C) | 塩分   | カレニア<br>ミキモトイ<br>(細胞/mL) | シャットネラ<br>アンディーカ<br>(細胞/mL) | プロロセントラム<br>デンタータム<br>(細胞/mL) | 珪藻類<br>(細胞/mL) |
|--------------|------------|------------|------|--------------------------|-----------------------------|-------------------------------|----------------|
| 佐世保湾<br>①    | 0.5        | 21.8       | 33.4 | 0                        | 0                           | 0                             | 60             |
|              | 5          | 21.7       | 33.5 | 0                        | 0                           | 0                             | 40             |
| 佐世保湾<br>③    | 0.5        | 22.3       | 33.3 | 0                        | 0                           | 0                             | 350            |
|              | 5          | 21.9       | 33.5 | 0                        | 0                           | 0                             | 150            |
| 佐世保湾<br>④    | 0.5        | 22.7       | 31.8 | 0                        | 0                           | 2                             | 710            |
|              | 4.0        | 22.0       | 33.4 | 0                        | 0                           | 0                             | 710            |
| 佐世保湾<br>⑥    | 0.5        | 22.4       | 33.3 | 3                        | 0                           | 120                           | 680            |
|              | 3.5        | 22.1       | 33.4 | 5                        | 0                           | 460                           | 680            |
|              | 5          | 21.9       | 33.5 | 1,060                    | 0                           | 1,230                         | 170            |
| 佐世保湾<br>⑥-1  | 0.5        | 22.3       | 32.3 | 10                       | 0                           | 260                           | 570            |
|              | 3.5        | 22.1       | 33.3 | 18                       | 0                           | 760                           | 660            |
|              | 5.0        | 22.0       | 33.4 | 510                      | 0                           | 1,630                         | 160            |
| 佐世保湾<br>⑥-2  | 0.5        | 22.6       | 33.1 | 1                        | 0                           | 130                           | 730            |
|              | 2.0        | 22.1       | 33.4 | 252                      | 0                           | 1,160                         | 710            |
|              | 5.0        | 21.8       | 33.6 | 520                      | 0                           | 1,400                         | 590            |
| 佐世保湾<br>⑦    | 0.5        | 23.1       | 33.0 | 1                        | 0                           | 20                            | 220            |
|              | 4.0        | 22.0       | 33.3 | 0                        | 0                           | 260                           | 180            |
| 南九十九島<br>⑨   | 0.5        | 22.9       | 33.7 | 1                        | 0                           | 4                             | 75             |
|              | 4.5        | 22.0       | 34.1 | 0                        | 0                           | 146                           | 240            |
| 南九十九島<br>⑥   | 0.5        | 23.0       | 33.5 | 0                        | 0                           | 2                             | 290            |
|              | 4.5        | 22.1       | 34.2 | 3                        | 0                           | 30                            | 150            |
| 南九十九島<br>⑦-1 | 0.5        | 23.2       | 33.3 | 0                        | 0                           | 10                            | 330            |
|              | 4.5        | 22.0       | 34.1 | 1                        | 0                           | 480                           | 310            |
| 南九十九島<br>⑦   | 0.5        | 23.0       | 32.1 | 0                        | 0                           | 20                            | 100            |
|              | 4.5        | 22.1       | 34.2 | 0                        | 0                           | 420                           | 410            |
| 南九十九島<br>⑤   | 0.5        | 22.7       | 33.8 | 0                        | 0                           | 20                            | 1,060          |
|              | 4          | 22.1       | 34.1 | 0                        | 0                           | 120                           | 100            |

# 赤潮発生状況速報

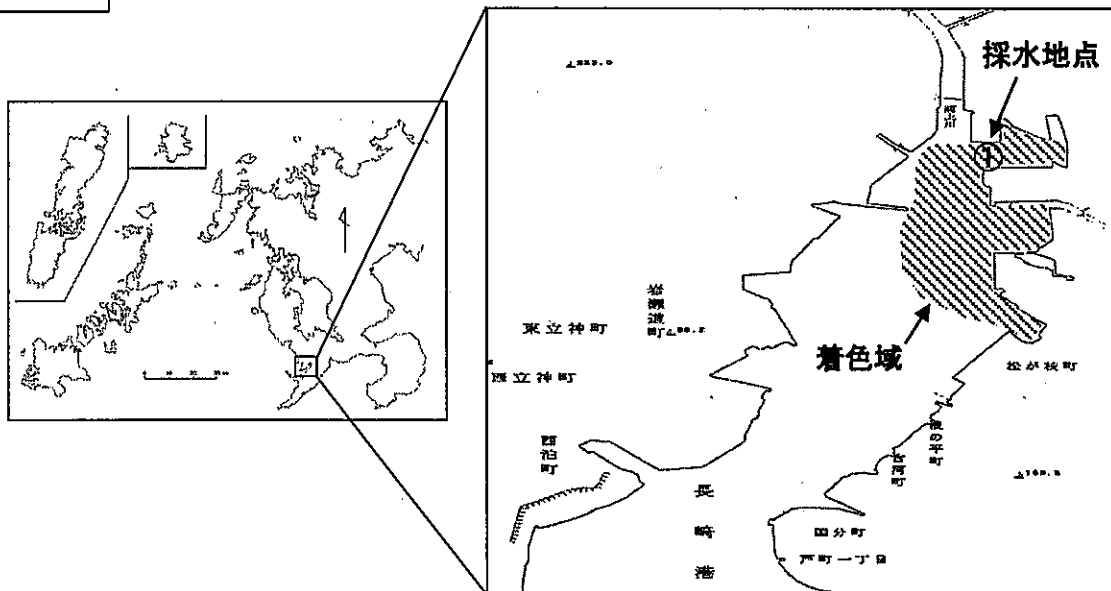
|                     |  |         |   |
|---------------------|--|---------|---|
| 1. 発見日時             | 平成26年6月17日   | 6. 漁業被害 | なし  |
| 2. 発生海域名            | 九州西部 橘湾<br>長崎市 戸石町 網場湾                                   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 湾内に着色域あり   |         |   |
| 4. 水色<br>(1~108番)   | にぶいき(34)   |         |   |
| 5. 優占種              | <i>Prorocentrum dentatum</i><br><br>最高細胞数 17,700cells/mL |         |   |
| 8. 参考図              | 6月17日現在  |         |   |



備考 調査者:長崎県 県央水産業普及指導センター 長崎市たちばな漁協

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年6月26日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部<br>長崎市 長崎港                                      | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 港奥部に着色域あり  |        |   |
| 4.水色<br>(1~108番)   | くらいき(33)   |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 16,100cells/mL |        |   |
| 8.参考図              | 6月26日現在  |        |   |

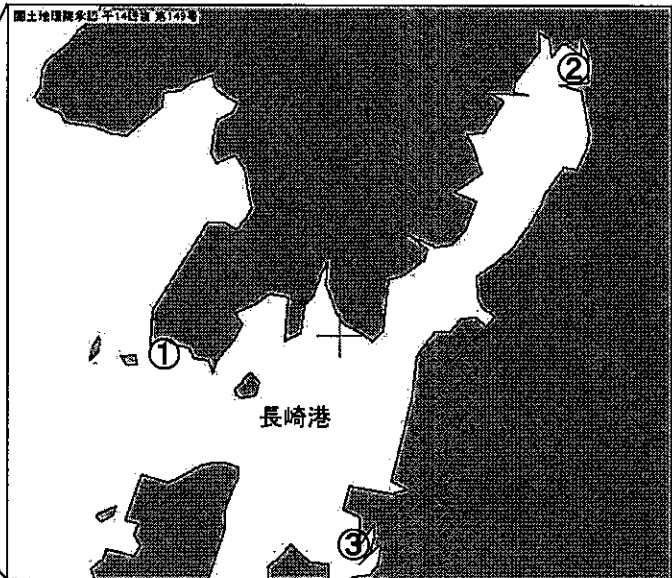
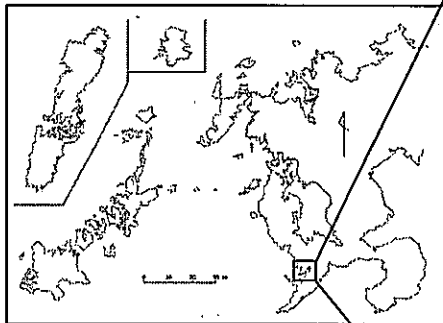


| 採水地点 | 水深 (m) | 水温 (°C) | カレニア ミキモトイ (cells/ml) |
|------|--------|---------|-----------------------|
| ①    | 0.5    | 22.8    | 16,100                |

備考 調査者:長崎県 県央水産業普及指導センター

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年6月26日   | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部<br>長崎市 長崎港  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 港奥部に着色域あり  |        |  |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)   |        |  |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>(6/27)最高細胞数 2,660cells/mL<br>(6/30)最高細胞数 690cells/mL |        |  |
| 8.参考図              | 6月30日現在  |        |  |



| 採水地点      | 採水層<br>(m) | 水温<br>(°C) | カレニア ミキモトイ<br>(細胞/ml) | シャットネラ アンティーカ<br>(細胞/ml) |
|-----------|------------|------------|-----------------------|--------------------------|
| ①神ノ島      | 0.5        | 23.9       | 3                     | 0                        |
|           | 2.5        | 23.5       | 5                     | 0                        |
| ②大波止      | 0.5        | 23.6       | 690                   | 0                        |
|           | 2.5        | 23.4       | 490                   | 0                        |
| ③柳埠頭(小ヶ倉) | 0.5        | 23.8       | 110                   | 0                        |
|           | 2.5        | 23.4       | 90                    | 0                        |
|           | 4.0        | 22.7       | 120                   | 0                        |

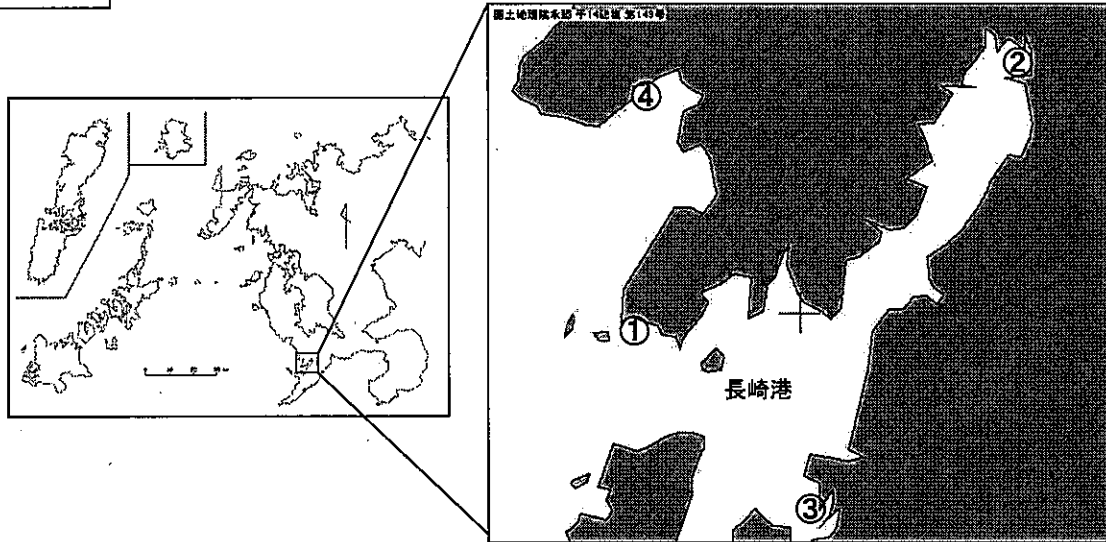
備考 調査者:長崎県 県央水産業普及指導センター



# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年6月26日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部<br>長崎市 長崎港                                     |        |   |
| 3.発生状況<br>(規模、形状等) | 不明  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 4.水色<br>(1~108番)   | こいき (32)  |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 7,950cells/mL |        |   |

8.参考図 7月9日現在



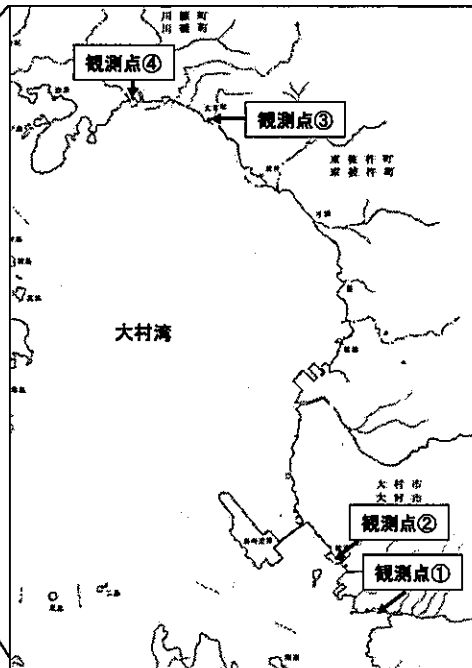
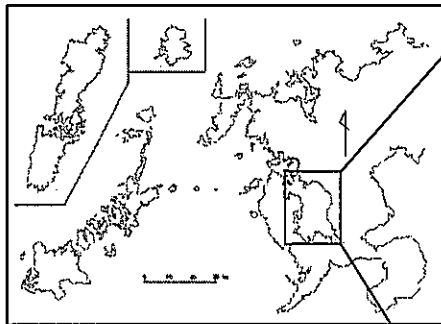
| 採水地点      | 採水時間 | 採水層<br>(m) | 水温<br>(℃) | カレニア ミキモトイ<br>(細胞/ml) |
|-----------|------|------------|-----------|-----------------------|
| ①神ノ島      | 9:10 | 0.5        | 24.1      | 36                    |
|           |      | 2.5        | 24.1      | 26                    |
| ②大波止      | 8:40 | 0.5        | 23.0      | 7,700                 |
|           |      | 2.5        | 22.6      | 2,000                 |
| ③柳埠頭(小ヶ倉) | 8:05 | 0.5        | 23.2      | 7,950                 |
|           |      | 2.5        | 22.8      | 3,450                 |
| ④福田       | 9:30 | 0.5        | 24.3      | 0                     |

備考 調査者:長崎県 県央水産業普及指導センター

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾   |        |  |
| 3.発生状況<br>(規模、形状等) |  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 4.水色<br>(1~108番)   | くらいきみどり(42)                                      |        |  |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 119cells/mL |        |  |

8.参考図 7月2日現在



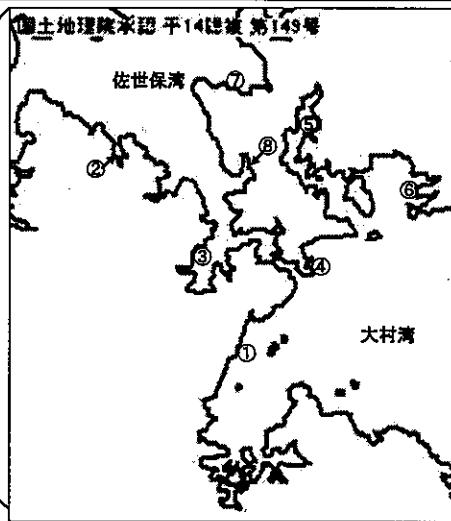
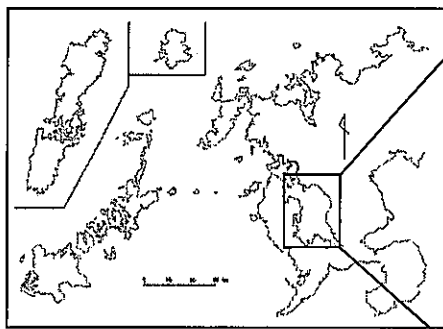
| 観測点 | 水色         | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|-----|------------|------------|------------|--------------------|
| ①   | 42、くらいきみどり | 0.5        | 25.0       | 119                |
| ②   | 51、くらいみどり  | 0.5        | 25.2       | 3                  |
| ③   | 51、くらいみどり  | 0.5        | 24.4       | 2                  |
| ④   | 48、あかるいみどり | 0.5        | 24.4       | 1                  |

備考 調査者:長崎県 県央水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年7月2日                                       | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |   |        |  |
| 4.水色<br>(1~108番)   | はいみのきみどり(45)                                    |        |  |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 92cells/mL |        |  |

8.参考図 7月4日現在



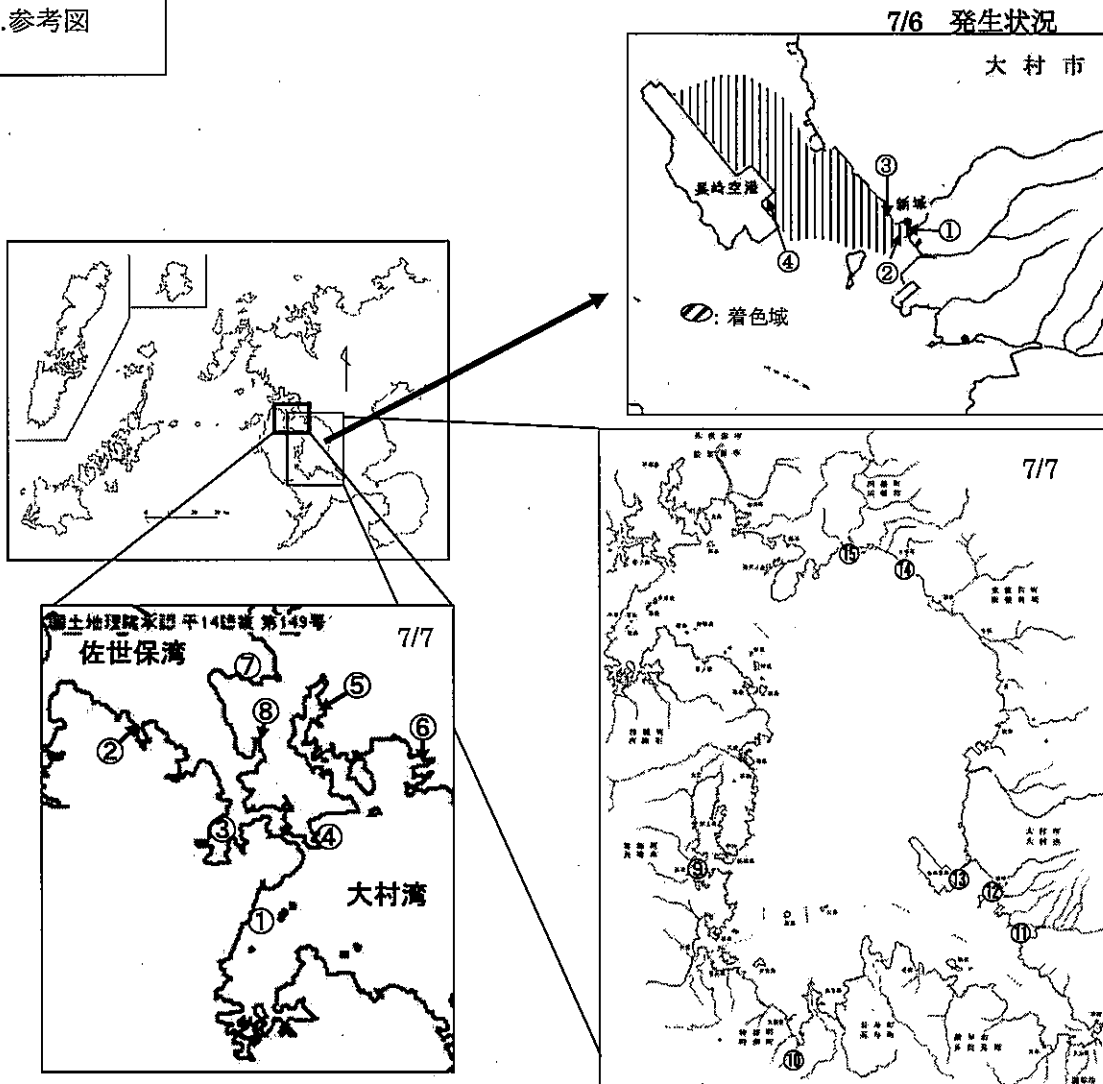
| 観測点        | 採水層 (m) | 水温 (°C) | シャットネラ属 (細胞/ml) |
|------------|---------|---------|-----------------|
| ①西彼町漁協前    | 0.5     | 23.1    | 92              |
|            | 2.5     | 22.9    | 20              |
| ②横瀬        | 0.5     | 23.0    | 4               |
|            | 2.5     | 22.6    | 0               |
| ③瀬川        | 0.5     | 23.1    | 5               |
|            | 2.5     | 22.8    | 5               |
| ④崎針尾       | 0.5     | 23.8    | 5               |
| ⑤江上浦       | 0.5     | 23.8    | 0               |
| ⑥佐世保市南部漁協前 | 0.5     | 24.3    | 1               |
| ⑦柿ノ浦       | 0.5     | 23.3    | 58              |
|            | 2.5     | 22.9    | 20              |
| ⑧針尾漁協前     | 0.5     | 23.4    | 12              |
|            | 2.5     | 22.9    | 13              |

備考 調査者:長崎県 県央水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年7月2日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 大村湾東部に着色域あり   |        |   |
| 4.水色<br>(1~108番)   | くらいき(33)  |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>7/6:最高細胞数 3,120cells/mL<br>7/7:最高細胞数 920cells/mL |        |   |

8.参考図 ※調査結果は別紙参照



備考 調査者:長崎県 県央水産業普及指導センター

## 7月6日 赤潮調査結果

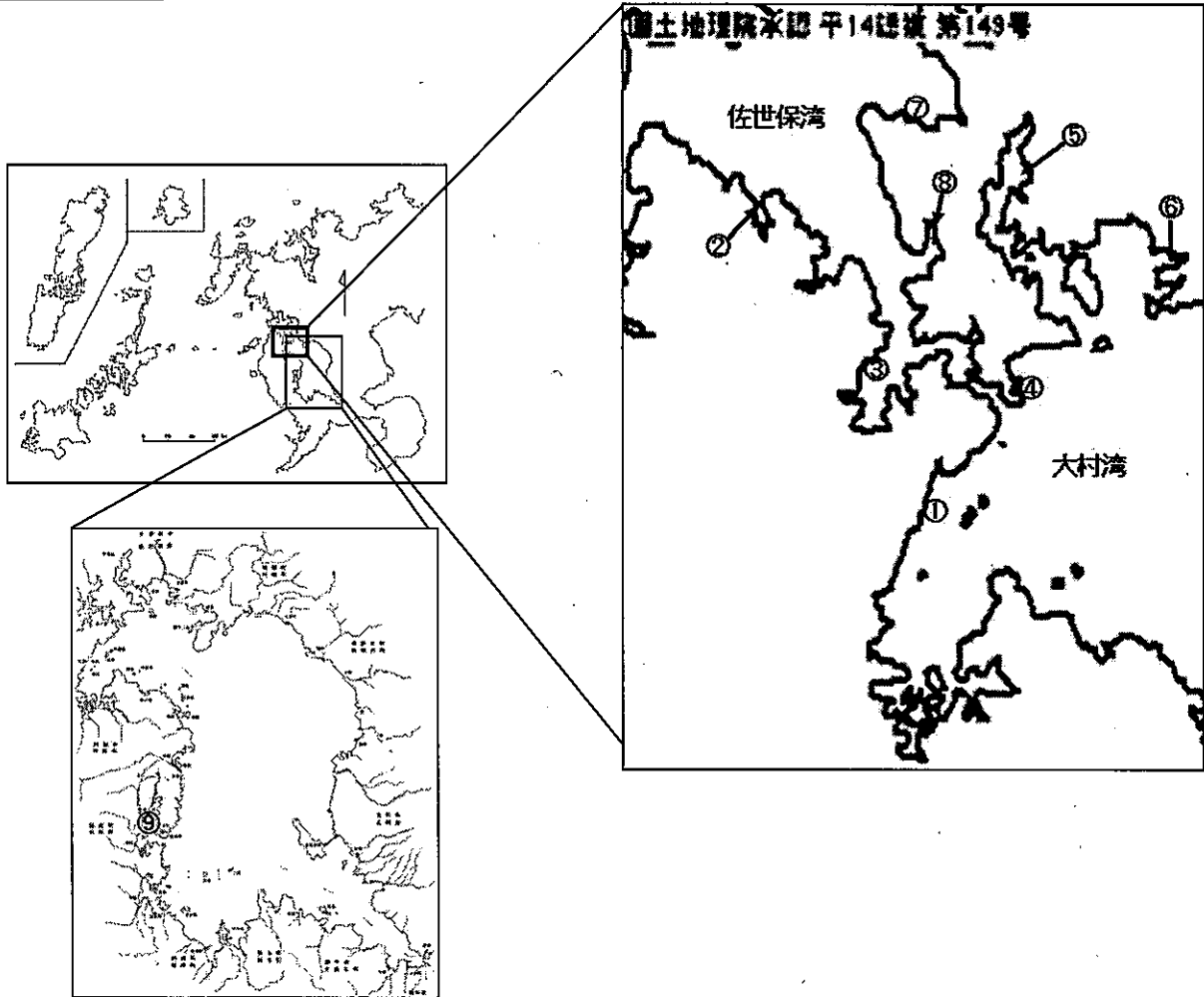
| 観測点          | 水色             | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|--------------|----------------|------------|------------|--------------------|
| ①大村市漁協(堤防外)  | 27、はいみのきみのだいたい | 0.5        | 23.1       | 3,120              |
| ②大村市漁協前(港内)  | 24、くらいきみのだいたい  | 0.5        | 23.2       | 440                |
| ③馬場崎地区ポートパーク | 24、くらいきみのだいたい  | 0.5        | 23.1       | 1,380              |
| ④長崎空港        | 24、くらいきみのだいたい  | 0.5        | 22.8       | 380                |

## 7月7日 赤潮調査結果

| 観測点              | 水色           | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|------------------|--------------|------------|------------|--------------------|
| ①西彼町漁協前          | 36、はいみのき     | 0.5        | 23.0       | 216                |
|                  |              | 2.5        | 23.3       | 12                 |
| ②横瀬              | 36、はいみのき     | 0.5        | 22.4       | 70                 |
|                  |              | 2.5        | 22.6       | 10                 |
| ③瀬川              | 36、はいみのき     | 0.5        | 22.3       | 4                  |
|                  |              | 2.5        | 22.4       | 2                  |
| ④崎針尾             | 36、はいみのき     | 0.5        | 22.9       | 96                 |
| ⑤江上浦             | 36、はいみのき     | 0.5        | 22.0       | 0                  |
| ⑥佐世保市南部漁協前       | 36、はいみのき     | 0.5        | 22.6       | 0                  |
| ⑦柿ノ浦             | 45、はいみのきみどり  | 0.5        | 22.8       | 12                 |
|                  |              | 2.5        | 22.8       | 4                  |
| ⑧針尾漁協前           | 45、はいみのきみどり  | 0.5        | 22.4       | 0                  |
|                  |              | 2.5        | 22.6       | 0                  |
| ⑨長浦              | 36、はいみのき     | 0.5        | 24.5       | 507                |
| ⑩時津              | 63、はいみのあおみどり | 0.5        | 25.0       | 14                 |
| ⑪大村湾東部漁協前        | 38、あさいきみどり   | 0.5        | 23.3       | 56                 |
| ⑫大村市漁協前<br>(堤防外) | 33、くらいき      | 0.5        | 23.8       | 920                |
| ⑬長崎空港            | 42、くらいきみどり   | 0.5        | 23.8       | 315                |
| ⑭音琴漁港            | 43、にぶいきみどり   | 0.5        | 22.1       | 304                |
| ⑮川棚              | 32、こいき       | 0.5        | 22.0       | 42                 |

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 観測点④,⑥,⑨に着色域あり                                     |        |  |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)                                     |        |  |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 2,250cells/mL |        |  |
| 8.参考図              | 7月9日現在 ※調査結果は別紙参照                                  |        |  |



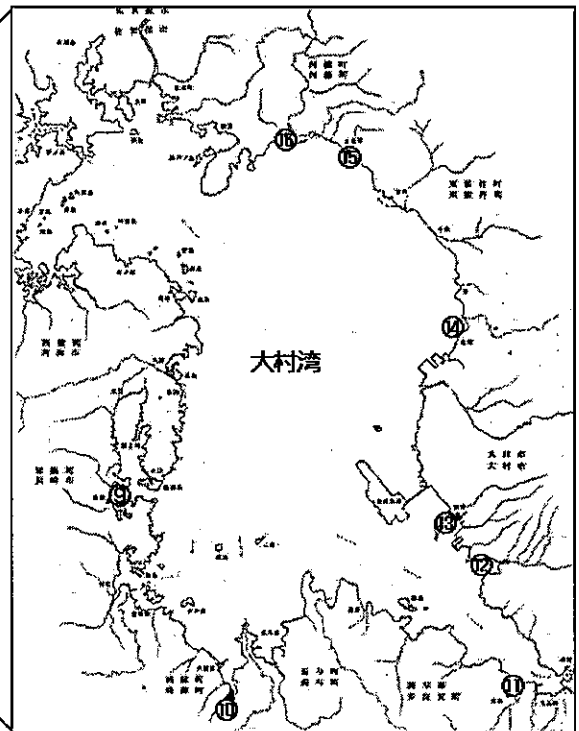
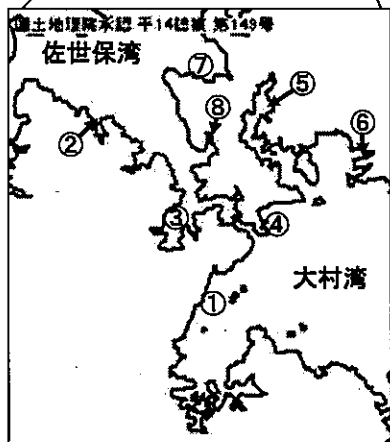
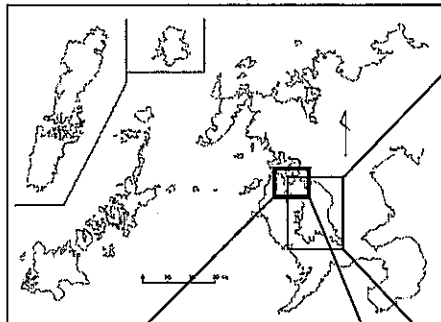
備考 調査者:長崎県 県央水産業普及指導センター

## 7月9日 赤潮調査結果

| 観測点        | 水色            | 採水層(m) | 水温(°C) | シャットネラ属(細胞/ml) |
|------------|---------------|--------|--------|----------------|
| ①西彼町漁協前    | 45、はいみのきみどり   | 0.5    | 25.1   | 62             |
|            |               | 2.5    | 24.9   | 96             |
| ②横瀬        | 45、はいみのきみどり   | 0.5    | 23.3   | 14             |
|            |               | 2.5    | 22.9   | 10             |
| ③瀬川        | 45、はいみのきみどり   | 0.5    | 23.3   | 236            |
|            |               | 2.5    | 22.6   | 30             |
| ④崎針尾       | 33、くらいき       | 0.5    | 25.4   | 472            |
|            |               | 2.5    | 25.0   | 24             |
| ⑤江上浦       | 45、はいみのきみどり   | 0.5    | 26.3   | 230            |
| ⑥佐世保市南部漁協前 | 36、はいみのき      | 0.5    | 25.5   | 780            |
|            |               | 2.5    | 25.0   | 640            |
| ⑦柿ノ浦       | 63、はいみのあおみどり  | 0.5    | 23.3   | 25             |
|            |               | 2.5    | 22.8   | 5              |
| ⑧針尾漁協前     | 63、はいみのあおみどり  | 0.5    | 23.9   | 192            |
|            |               | 2.5    | 22.7   | 21             |
| ⑨長浦(手崎)    | 24、くらいきみのだいたい | 0.5    | 25.3   | 2,250          |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 観測点⑥,⑨,⑭,⑮に着色域あり                                   |        |   |
| 4.水色<br>(1~108番)   | はいみのあかみのだいだい(18)                                   |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 2,430cells/mL |        |   |
| 8.参考図              | 7月11日現在 ※調査結果は別紙参照                                 |        |   |



備考 調査者:長崎県 県央水産業普及指導センター

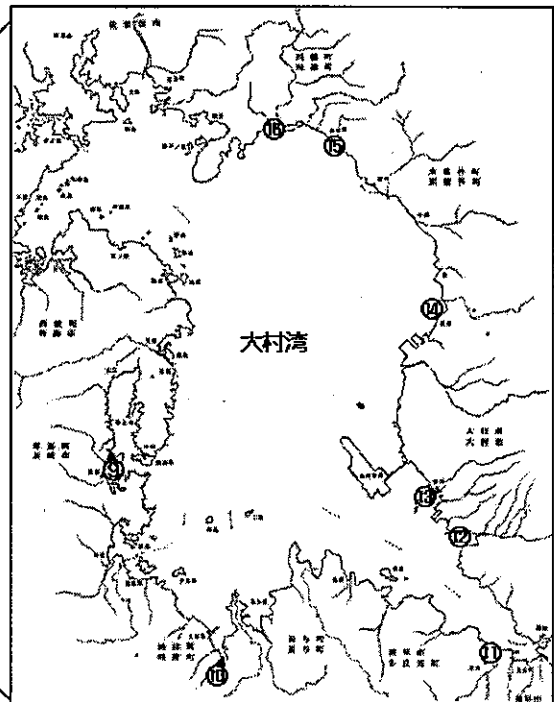
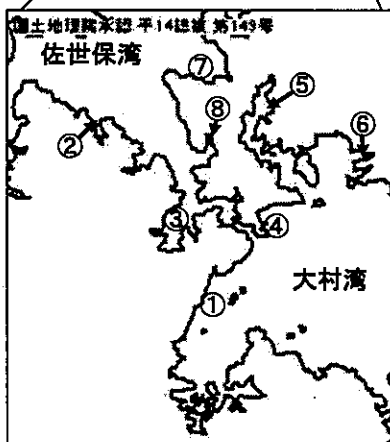
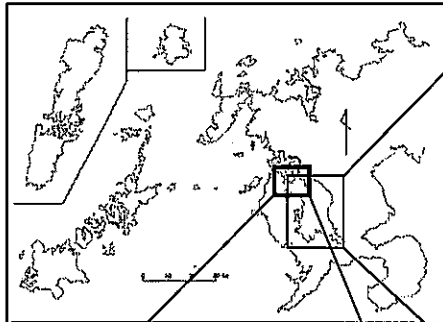


## 7月11日 赤潮調査結果

| 観測点        | 水色                  | 採水層<br>(m) | 水温<br>(°C) | 塩分   | シャットネラ属<br>(細胞/ml) |
|------------|---------------------|------------|------------|------|--------------------|
| ①西彼町漁協前    | 42 くらいきみどり          | 0.5        | 25.3       | 27.3 | 116                |
|            |                     | 2.5        | 24.0       | 29.1 | 68                 |
| ②横瀬        | 60 くらいあおみどり         | 0.5        | 23.7       | 29.4 | 24                 |
|            |                     | 2.5        | 23.4       | 30.0 | 16                 |
| ③瀬川        | 54 はいみのみどり          | 0.5        | 23.4       | 28.9 | 30                 |
|            |                     | 2.5        | 23.2       | 29.8 | 18                 |
| ④崎針尾       | 51 くらいみどり           | 0.5        | 25.0       | 28.2 | 32                 |
|            |                     | 2.5        | 23.9       | 29.4 | 0                  |
| ⑤江上浦       | 45 はいみのきみどり         | 0.5        | 25.9       | 13.7 | 114                |
| ⑥佐世保市南部漁協前 | 18 はいみのあかみの<br>だいたい | 0.5        | 26.3       | 22.9 | 2,430              |
|            |                     | 2.0        | 25.8       | 24.0 | 236                |
| ⑦柿ノ浦       | 60 くらいあおみどり         | 0.5        | 24.6       | 29.5 | 6                  |
|            |                     | 2.5        | 23.6       | 30.0 | 2                  |
| ⑧針尾漁協前     | 51 くらいみどり           | 0.5        | 23.9       | 27.8 | 38                 |
|            |                     | 2.5        | 23.6       | 29.5 | 18                 |
| ⑨長浦(手崎)    | 15 くらいあかみの<br>だいたい  | 0.5        | 26.0       | 18.1 | 1,420              |
| ⑩時津        | 45 はいみのきみどり         | 0.5        | 26.2       | 18.0 | 168                |
| ⑪多良見       | 51 くらいみどり           | 0.5        | 23.6       |      | 320                |
| ⑫大村湾東部漁協前  | 42 くらいきみどり          | 0.5        | 24.2       |      | 264                |
| ⑬大村市 新城    | 50 こいみどり            | 0.5        | 24.7       |      | 66                 |
| ⑭大村市 松原    | 33 くらいき             | 0.5        | 25.1       |      | 1,050              |
| ⑮音琴        | 32 こいき              | 0.5        | 25.1       |      | 360                |
| ⑯川棚        | 41 こいきみどり           | 0.5        | 24.9       |      | 13                 |

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |  |
| 4.水色<br>(1～108番)   | くらいきみどり(42)                                      |        |  |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 230cells/mL |        |  |
| 8.参考図              | 7月14日現在 ※調査結果は別紙参照                               |        |  |



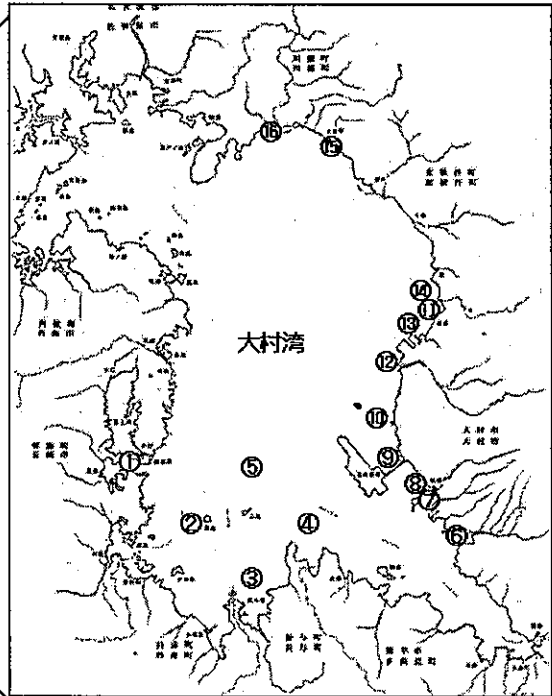
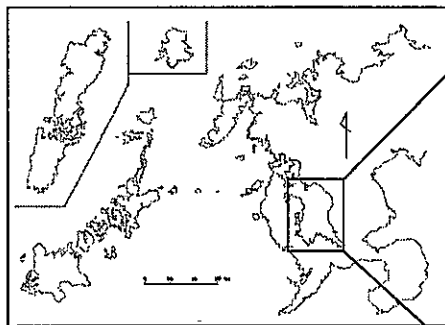
備考 調査者:長崎県 県央水産業普及指導センター

## 7月14日 赤潮調査結果

| 観測点        | 水色              | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|------------|-----------------|------------|------------|--------------------|
| ①西彼町漁協前    | 63<br>はいみのあおみどり | 0.5        | 24.1       | 4                  |
|            |                 | 2.5        | 24.2       | 8                  |
| ②横瀬        | 60 くらいあおみどり     | 0.5        | 23.4       | 0                  |
|            |                 | 2.5        | 23.3       | 0                  |
| ③瀬川        | 63<br>はいみのあおみどり | 0.5        | 23.8       | 5                  |
|            |                 | 2.5        | 23.7       | 4                  |
| ④崎針尾       | 51 くらいみどり       | 0.5        | 24.8       | 4                  |
|            |                 | 2.5        | 24.8       | 4                  |
| ⑤江上浦       | 45 はいみのきみどり     | 0.5        | 24.5       | 38                 |
| ⑥佐世保市南部漁協前 | 54 はいみのみどり      | 0.5        | 24.3       | 18                 |
|            |                 | 2.0        | 24.5       | 12                 |
| ⑦柿ノ浦       | 51 くらいみどり       | 0.5        | 23.6       | 0                  |
|            |                 | 2.5        | 23.8       | 2                  |
| ⑧針尾漁協前     | 63<br>はいみのあおみどり | 0.5        | 23.4       | 0                  |
|            |                 | 2.5        | 23.6       | 2                  |
| ⑨長浦(手崎)    | 42 くらいきみどり      | 0.5        | 25.1       | 220                |
| ⑩時津        | 51 くらいみどり       | 0.5        | 24.3       | 84                 |
| ⑪多良見       | 51 くらいみどり       | 0.5        | 24.8       | 94                 |
| ⑫大村湾東部漁協前  | 42 くらいきみどり      | 0.5        | 24.6       | 8                  |
| ⑬大村市 新城    | 42 くらいきみどり      | 0.5        | 24.6       | 26                 |
| ⑭大村市 松原    | 42 くらいきみどり      | 0.5        | 24.1       | 230                |
| ⑮音琴        | 51 くらいみどり       | 0.5        | 24.8       | 16                 |
| ⑯川棚        | 42 くらいきみどり      | 0.5        | 25.1       | 0                  |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 大村市地先に着色域あり                                      |        |   |
| 4.水色<br>(1~108番)   | くらいきみどり(42)                                      |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 159cells/mL |        |   |
| 8.参考図              | 7月17日現在 ※調査結果は別紙参照                               |        |   |



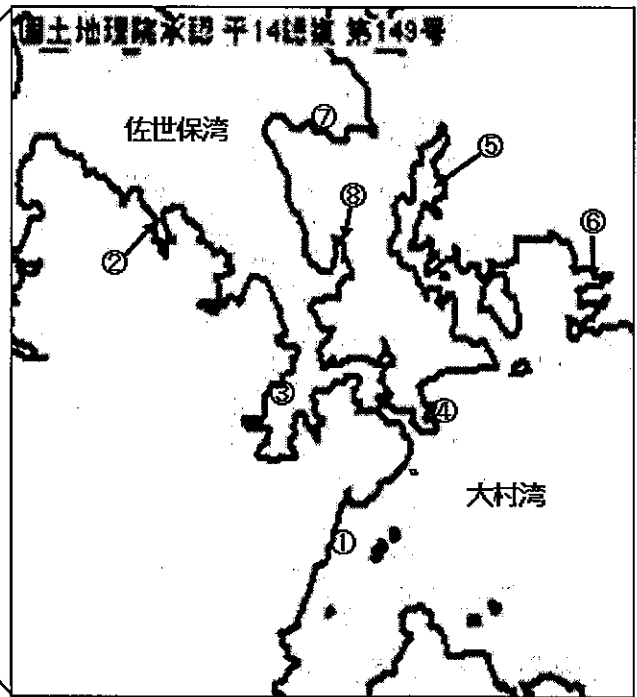
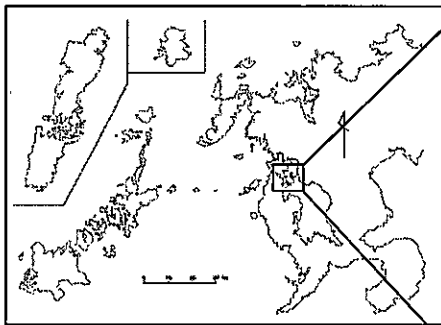
備考 調査者:長崎県 県央水産業普及指導センター

## 7月17日 赤潮調査結果

| 観測点       | 水色          | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/mL) | コックロディニウム<br>(細胞/mL) |
|-----------|-------------|------------|------------|--------------------|----------------------|
| ①         | くらいきみどり     | 2.5        | 25.8       | 159                | 0                    |
| ②         | くらいみどり      | 2.5        | 24.5       | 60                 | 0                    |
| ③         | くらいみどり      | 2.5        | 24.6       | 48                 | 0                    |
| ④         | くらいみどり      | 2.5        | 25.6       | 22                 | 0                    |
| ⑤         | くらいみどり      | 2.5        | 24.3       | 22                 | 0                    |
| ⑥大村湾東部漁協前 | くらいきみどり     | 0.5        | 26.5       | 15                 | 0                    |
| ⑦大村市 新城-1 | くらいみどり      | 0.5        | 29.0       | 12                 | 0                    |
| ⑧ " 新城-2  |             | 0          | 27.5       | 95                 | 0                    |
| ⑨ " 新城-3  |             | 0          | 26.1       | 45                 | 2                    |
| ⑩ " 新城-4  |             | 0          | 27.2       | 49                 | 0                    |
| ⑪大村市 松原-1 | くらいきみどり     | 0.5        | 28.0       | 17                 | 0                    |
| ⑫ " 松原-2  |             | 0          | 26.2       | 1                  | 0                    |
| ⑬ " 松原-3  |             | 0          | 27.8       | 8                  | 0                    |
| ⑭ " 松原-4  |             | 0          | 27.8       | 3                  | 0                    |
| ⑮音琴       | あかるいはいみのみどり | 0.5        | 26.4       | 0                  | 0                    |
|           |             | 2.5        | 25.6       | 0                  | 0                    |
| ⑯川棚       | あかるいはいみのみどり | 0.5        | 26.3       | 0                  | 0                    |
|           |             | 2.5        | 25.7       | 0                  | 0                    |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |   |
| 4.水色<br>(1~108番)   | くらいきみどり(42)                                      |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 154cells/mL |        |   |
| 8.参考図              | 7月18日現在 ※調査結果は別紙参照                               |        |   |



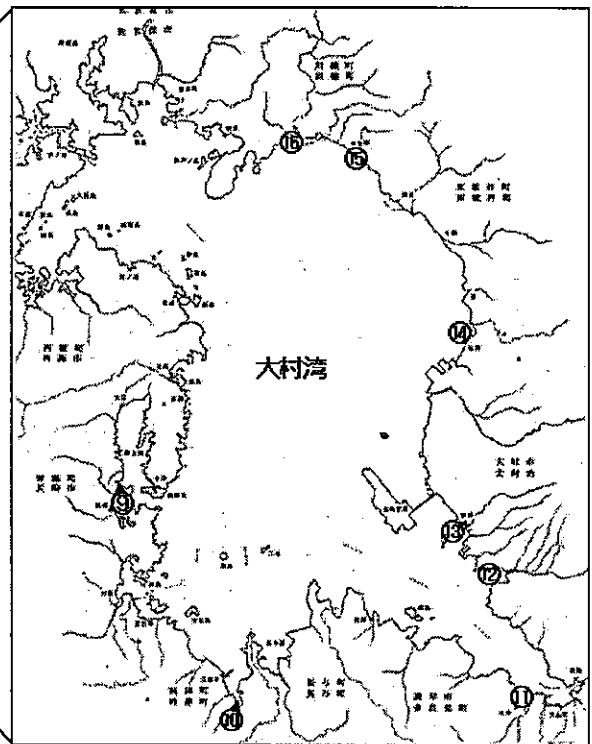
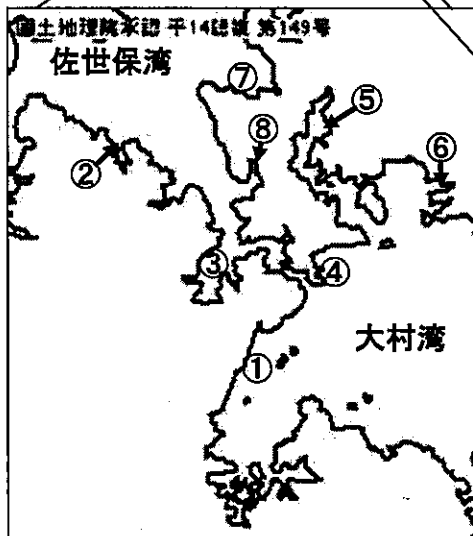
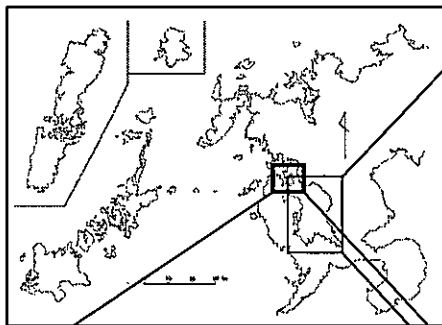
備考 調査者:長崎県 県央水産業普及指導センター

## 7月18日 赤潮調査結果

| 観測点        | 水色              | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) | コクロディニウム<br>(細胞/ml) |
|------------|-----------------|------------|------------|--------------------|---------------------|
| ①西彼町漁協前    | こいみどり<br>50番    | 0.5        | 26.7       | 13                 | 0                   |
|            |                 | 2.5        | 25.8       | 6                  | 0                   |
| ②横瀬        | くらいあおみどり<br>60番 | 0.5        | 25.0       | 6                  | 0                   |
|            |                 | 2.5        | 24.9       | 5                  | 0                   |
| ③瀬川        | くらいみどり<br>51番   | 0.5        | 24.8       | 13                 | 0                   |
|            |                 | 2.5        | 24.4       | 4                  | 0                   |
| ④崎針尾       | こいきみどり<br>41番   | 0.5        | 26.7       | 15                 | 0                   |
| ⑤江上浦       | くらいきみどり、42番     | 0.5        | 28.2       | 154                | 0                   |
| ⑥佐世保市南部漁協前 | こいきみどり、41番      | 0.5        | 27.5       | 2                  | 0                   |
| ⑦柿ノ浦       | くらいあおみどり<br>60番 | 0.5        | 26.2       | 12                 | 0                   |
|            |                 | 2.5        | 25.8       | 4                  | 0                   |
| ⑧針尾漁協前     | こいあおみどり<br>59番  | 0.5        | 25.5       | 13                 | 4                   |
|            |                 | 2.5        | 24.5       | 3                  | 0                   |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |   |
| 4.水色<br>(1～108番)   | はいみのみどり(54)                                      |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 283cells/mL |        |   |
| 8.参考図              | 7月22日現在 ※調査結果は別紙参照                               |        |   |



備考 調査者:長崎県 県央水産業普及指導センター

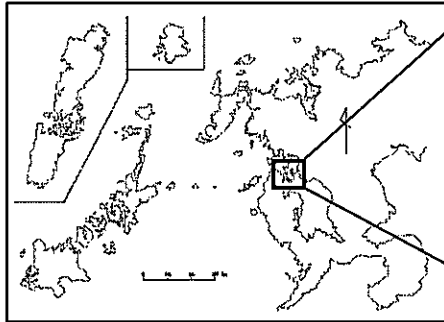


## 7月22日 赤潮調査結果

| 観測点        | 水色            | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) | コクロディニウム<br>(細胞/ml) |
|------------|---------------|------------|------------|--------------------|---------------------|
| ①西彼町漁協前    | くらいみどり<br>51番 | 0.5        | 26.0       | 121                | 0                   |
|            |               | 2.5        | 25.3       | 138                | 0                   |
| ②横瀬        | くらいみどり<br>51番 | 0.5        | 25.2       | 19                 | 0                   |
|            |               | 2.5        | 24.6       | 22                 | 8                   |
| ③瀬川        | くらいみどり<br>51番 | 0.5        | 24.7       | 40                 | 0                   |
|            |               | 2.5        | 24.4       | 24                 | 0                   |
| ④崎針尾       | くらいみどり、51番    | 0.5        | 26.4       | 154                | 0                   |
| ⑤江上浦       | くらいきみどり、42番   | 0.5        | 28.1       | 65                 | 0                   |
| ⑥佐世保市南部漁協前 | はいみのみどり、54番   | 0.5        | 27.4       | 283                | 0                   |
| ⑦柿ノ浦       | くらいあおみどり、60番  | 0.5        | 26.1       | 15                 | 0                   |
|            |               | 2.5        | 24.4       | 17                 | 0                   |
| ⑧針尾漁協前     | くらいみどり<br>51番 | 0.5        | 25.7       | 28                 | 0                   |
|            |               | 2.5        | 24.9       | 70                 | 0                   |
| ⑨長浦(手崎)    | くらいきみどり、42番   | 0.5        | 29.2       | 0                  | 0                   |
| ⑩時津        | くらいみどり、51番    | 0.5        | 28.9       | 0                  | 0                   |
| ⑪多良見       | こいみどり、50番     | 0.5        | 29.9       | 1                  | 0                   |
| ⑫大村湾東部漁協前  | くらいみどり、51番    | 0.5        | 29.6       | 12                 | 0                   |
| ⑬大村市 新城    | こいきみどり、41番    | 0.5        | 29.1       | 17                 | 0                   |
| ⑭大村市 松原    | こいきみどり、41番    | 0.5        | 28.2       | 47                 | 0                   |
| ⑮音琴        | こいみどり、50番     | 0.5        | 28.3       | 0                  | 0                   |
| ⑯川棚        | こいきみどり、41番    | 0.5        | 28.1       | 12                 | 0                   |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | 調査中   |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |   |
| 4.水色<br>(1~108番)   | くらいみどり(51)                                       |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 191cells/mL |        |   |
| 8.参考図              | 7月25日現在 ※調査結果は別紙参照                               |        |   |



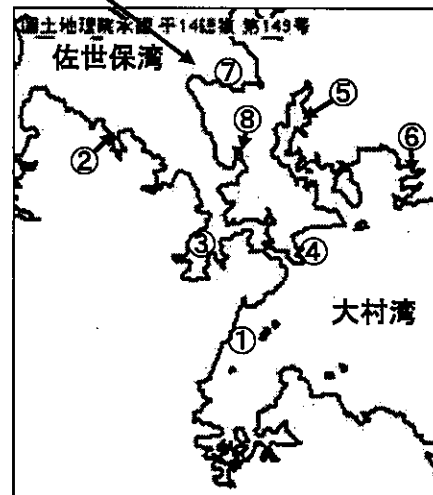
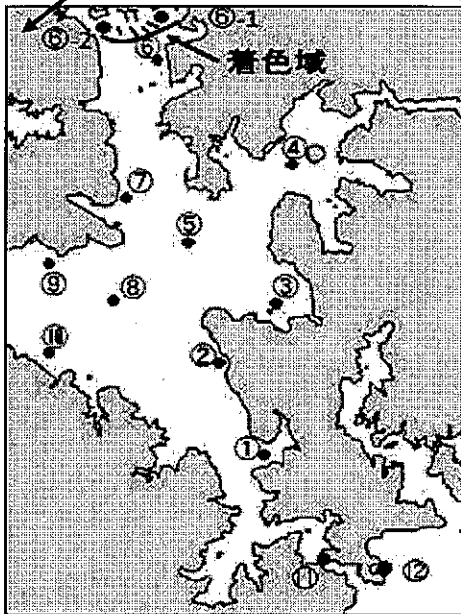
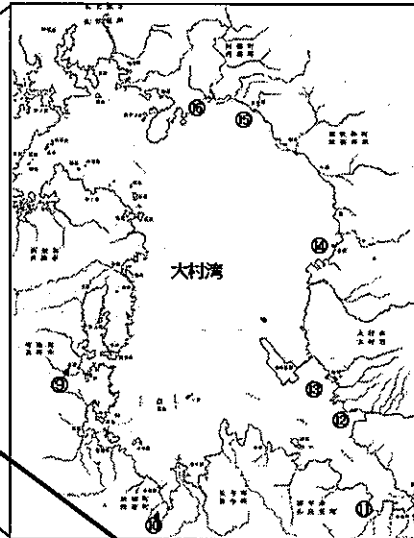
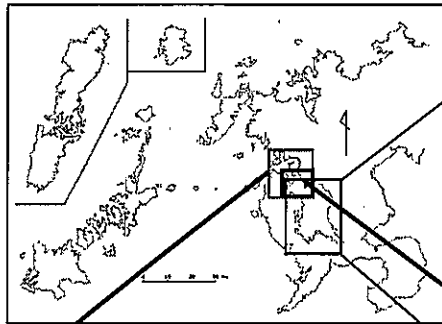
備考 調査者:長崎県 県央水産業普及指導センター

## 7月25日 赤潮調査結果

| 観測点                     | 水色              | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) | コクロディニウム<br>(細胞/ml) | カレニア<br>ミキモトイ<br>(細胞/ml) |
|-------------------------|-----------------|------------|------------|--------------------|---------------------|--------------------------|
| ①西彼町漁協前<br>9:40         | はいみのみどり<br>54番  | 0.5        | 27.6       | 87                 | 2                   | 0                        |
|                         |                 | 2.5        | 27.6       | 78                 | 0                   | 0                        |
| ②横瀬<br>10:02            | くらいみどり<br>51番   | 0.5        | 25.5       | 11                 | 0                   | 0                        |
|                         |                 | 2.5        | 25.4       | 18                 | 2                   | 0                        |
| ③瀬川<br>10:15            | くらいみどり<br>51番   | 0.5        | 25.5       | 78                 | 0                   | 0                        |
|                         |                 | 2.5        | 25.3       | 12                 | 0                   | 0                        |
| ④崎針尾<br>10:31           | はいみのみどり<br>54番  | 0.5        | 28.3       | 95                 | 0                   | 0                        |
|                         |                 | 2.5        | 28.2       | 28                 |                     | 0                        |
| ⑤江上浦<br>10:46           | はいみのみどり<br>54番  | 0.5        | 29.4       | 0                  | 0                   | 0                        |
| ⑥佐世保市南部<br>漁協前<br>11:05 | はいみのきみどり<br>45番 | 0.5        | 28.8       | 154                | 0                   | 14                       |
| ⑦柿ノ浦<br>11:24           | くらいみどり<br>51番   | 0.5        | 25.9       | 21                 | 0                   | 0                        |
|                         |                 | 2.5        | 25.7       | 23                 | 0                   | 0                        |
| ⑧針尾漁協前<br>11:39         | くらいみどり<br>51番   | 0.5        | 25.8       | 191                | 16                  | 2                        |
|                         |                 | 2.5        | 25.4       | 88                 | 4                   | 0                        |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | あり  |
| 2.発生海域名            | 九州西部 大村湾<br>佐世保湾                                   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 大村湾北東部で着色域あり                                       |        |   |
| 4.水色<br>(1~108番)   | はいみのきみどり(45)                                       |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 1,580cells/mL |        |   |
| 8.参考図              | 7月28日現在 ※調査結果は別紙参照                                 |        |   |



備考 調査者:長崎県 県央水産業普及指導センター、総合水産試験場

## 7月28日 大村湾赤潮調査結果

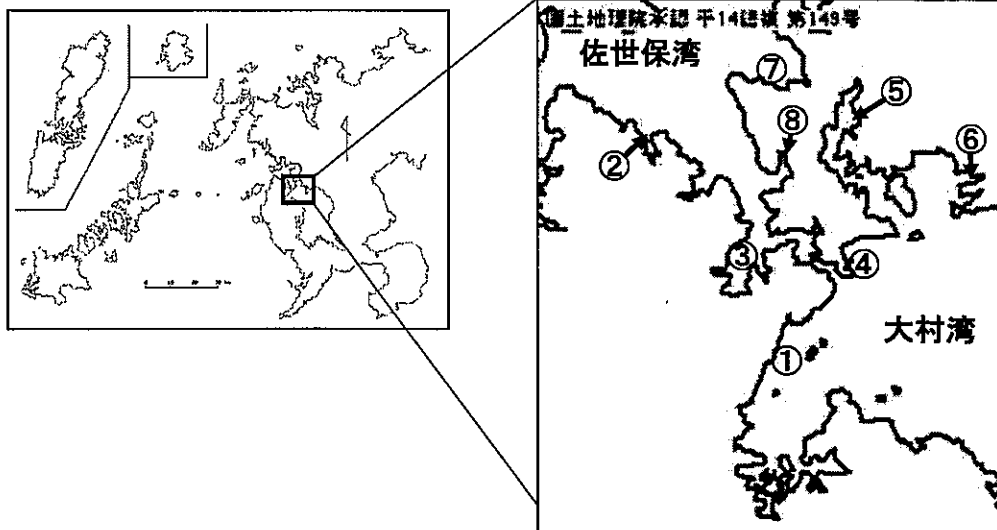
| 観測点                 | 水色              | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|---------------------|-----------------|------------|------------|--------------------|
| ①西彼町漁協前<br>9:25     | くらいきみどり<br>42番  | 0.5        | 28.2       | 176                |
|                     |                 | 2.5        | 28.0       | 70                 |
| ②横瀬<br>9:44         | はいみのみどり<br>54番  | 0.5        | 26.5       | 126                |
|                     |                 | 2.5        | 26.3       | 78                 |
| ③瀬川<br>9:57         | はいみのみどり<br>54番  | 0.5        | 26.2       | 206                |
|                     |                 | 2.5        | 25.8       | 16                 |
| ④崎針尾<br>10:13       | はいみのみどり<br>54番  | 0.5        | 27.2       | 10                 |
|                     |                 | 2.5        | 27.2       | 20                 |
| ⑤江上浦<br>10:29       | はいみのきみどり<br>45番 | 0.5        | 29.0       | 18                 |
| ⑥佐世保市南部漁協前<br>10:50 | はいみのみどり<br>45番  | 0.5        | 27.5       | 1,580              |
| ⑦柿ノ浦<br>11:14       | はいみのみどり<br>54番  | 0.5        | 27.4       | 34                 |
|                     |                 | 2.5        | 26.2       | 16                 |
| ⑧針尾漁協前<br>11:26     | はいみのみどり<br>54番  | 0.5        | 26.5       | 110                |
|                     |                 | 2.5        | 25.6       | 66                 |
| ⑨長浦 12:59           | くらいきみどり、45番     | 0.5        | 29.7       | 0                  |
| ⑩時津 13:24           | はいみのみどり、54番     | 0.5        | 27.8       | 0                  |
| ⑪多良見 9:25           | こいみどり、50番       | 0.5        | 29.2       | 73                 |
| ⑫大村湾東部漁協前<br>10:00  | こいきみどり、41番      | 0.5        | 28.6       | 30                 |
| ⑬大村市 新城 10:10       | こいきみどり、41番      | 0.5        | 28.4       | 65                 |
| ⑭大村市 松原 10:35       | こいきみどり、41番      | 0.5        | 28.2       | 69                 |
| ⑮音琴 11:00           | くらいみどり、51番      | 0.5        | 28.5       | 46                 |
| ⑯川棚 11:15           | くらいきみどり、42番     | 0.5        | 29.0       | 212                |

## 7月28日 佐世保湾赤潮調査結果

| 採水点         | 採水層<br>(m) | 水温<br>(°C) | 塩分   | カレニア<br>ミキモトイ<br>(細胞/mL) | シャットネラ属<br>(細胞/mL) | コクロディニウム<br>ポリクリコイデス<br>(細胞/mL) | 珪藻類<br>(細胞/mL) |
|-------------|------------|------------|------|--------------------------|--------------------|---------------------------------|----------------|
| 佐世保湾<br>①   | 0.5        | 25.4       | 32.2 | 0                        | 48                 | 0                               | 90             |
|             | 5          | 25.0       | 32.3 | 0                        | 7                  | 0                               | 80             |
| 佐世保湾<br>②   | 0.5        | 24.4       | 32.8 | 0                        | 5                  | 0                               | 40             |
|             | 5          | 23.9       | 33.1 | 0                        | 6                  | 0                               | 60             |
| 佐世保湾<br>③   | 0.5        | 26.5       | 32.1 | 0                        | 122                | 6                               | 380            |
|             | 5          | 25.3       | 32.3 | 0                        | 19                 | 0                               | 230            |
|             | 12         | 24.1       | 32.9 | 0                        | 120                | 0                               | 45             |
| 佐世保湾<br>④   | 0.5        | 27.8       | 31.6 | 0                        | 50                 | 2                               | 800            |
|             | 5          | 25.2       | 32.3 | 0                        | 75                 | 0                               | 190            |
| 佐世保湾<br>⑤   | 0.5        | 27.5       | 31.3 | 0                        | 131                | 0                               | 660            |
|             | 5          | 25.3       | 32.3 | 0                        | 36                 | 0                               | 200            |
| 佐世保湾<br>⑥   | 0.5        | 26.9       | 31.4 | 0                        | 54                 | 0                               | 8,800          |
|             | 5          | 25.7       | 32.1 | 0                        | 26                 | 0                               | 1,780          |
| 佐世保湾<br>⑥-1 | 0.5        | 26.8       | 31.1 | 0                        | 20                 | 0                               | 9,300          |
|             | 5          | 25.3       | 31.9 | 0                        | 4                  | 0                               | 4,400          |
| 佐世保湾<br>⑥-2 | 0.5        | 26.7       | 31.2 | 0                        | 27                 | 6                               | 3,280          |
|             | 5          | 25.4       | 32.2 | 0                        | 10                 | 6                               | 8,200          |
| 佐世保湾<br>⑦   | 0.5        | 27.1       | 31.7 | 0                        | 2                  | 0                               | 2,320          |
|             | 5          | 25.7       | 32.2 | 0                        | 63                 | 0                               | 3,860          |
| 佐世保湾<br>⑧   | 0.5        | 26.8       | 32.1 | 0                        | 11                 | 0                               | 1,400          |
|             | 5          | 25.1       | 32.3 | 0                        | 34                 | 0                               | 150            |
| 佐世保湾<br>⑨   | 0.5        | 26.4       | 32.0 | 0                        | 109                | 0                               | 1,650          |
|             | 5          | 25.1       | 32.4 | 0                        | 144                | 0                               | 820            |
| 佐世保湾<br>⑩   | 0.5        | 26.5       | 32.1 | 0                        | 63                 | 2                               | 230            |
|             | 5          | 25.3       | 32.3 | 0                        | 46                 | 4                               | 170            |
| 針尾瀬戸<br>⑪   | 0.5        | 27.1       | 31.6 | 0                        | 12                 | 0                               | 370            |
|             | 5          | 25.6       | 31.9 | 0                        | 12                 | 0                               | 120            |
| 大村湾<br>⑫    | 0.5        | 24.4       | 32.7 | 0                        | 286                | 0                               | 110            |
|             | 1.5        | 24.4       | 32.7 | 0                        | 47                 | 0                               | 50             |
|             | 5          | 24.4       | 32.7 | 0                        | 41                 | 0                               | 40             |

## 赤 潮 発 生 状 況 速 報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年7月2日  | 6.漁業被害 | あり   |
| 2.発生海域名            | 九州西部 大村湾<br>佐世保湾                                   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |  |
| 4.水色<br>(1～108番)   | くらいきみどり(42)  |        |  |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 1,260cells/mL |        |  |
| 8.参考図              | 7月30日現在 ※調査結果は別紙参照                                 |        |  |



備考 調査者:長崎県 県央水産業普及指導センター

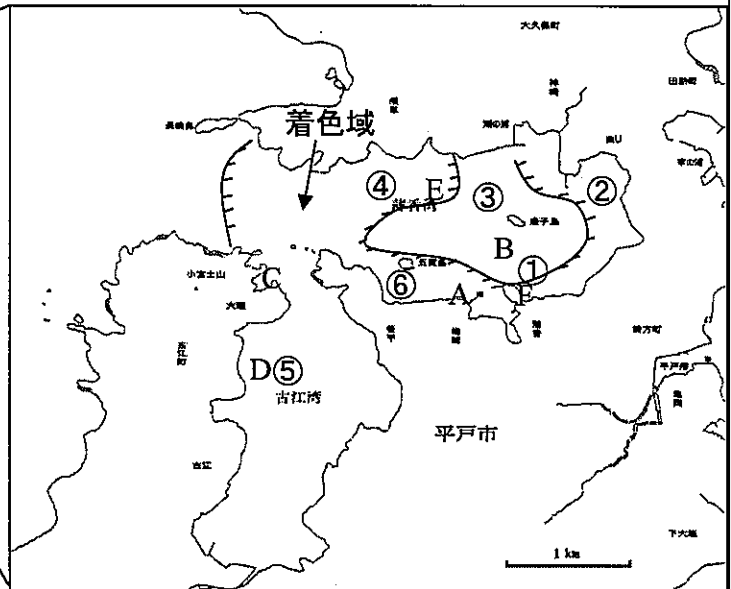
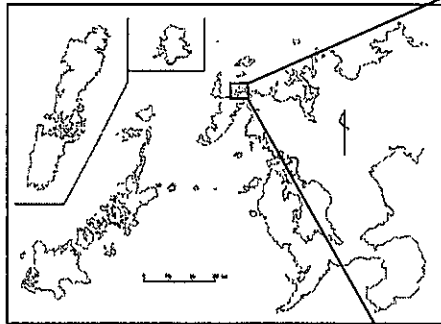
## 7月30日 大村湾赤潮調査結果

| 観測点                     | 水色             | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) | コクロディニウム<br>(細胞/ml) |
|-------------------------|----------------|------------|------------|--------------------|---------------------|
| ①西彼町漁協前<br>12:55        | こいみどり<br>50番   | 0.5        | 29.4       | 9                  | 0                   |
| ②横瀬<br>10:40            | くらいみどり<br>51番  | 0.5        | 26.3       | 19                 | 8                   |
| ③瀬川<br>10:50            | こいみどり<br>50番   | 0.5        | 26.5       | 66                 | 0                   |
| ④崎針尾<br>11:08           | こいみどり<br>50番   | 0.5        | 28.4       | 64                 | 0                   |
| ⑤江上浦<br>11:25           | くらいきみどり<br>42番 | 0.5        | 29.5       | 25                 | 0                   |
| ⑥佐世保市南部<br>漁協前<br>12:40 | くらいきみどり<br>42番 | 0.5        | 29.0       | 1,260              | 0                   |
| ⑦柿ノ浦<br>12:13           | くらいみどり<br>51番  | 0.5        | 28.5       | 431                | 0                   |
|                         |                | 2.5        | 27.3       | 191                | 0                   |
| ⑧針尾漁協前<br>12:25         | こいみどり<br>50番   | 0.5        | 26.7       | 28                 | 0                   |
|                         |                | 2.5        | 25.7       | 32                 | 0                   |



# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年7月4日   | 6.漁業被害 | 調査中   |
| 2.発生海域名            | 九州西部<br>薄香・古江湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 薄香・古江湾で着色   |        |   |
| 4.水色<br>(1～108番)   | 不明  |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>7/6最高細胞数 4,000cells/mL<br>7/7最高細胞数 12,500cells/mL |        |   |
| 8.参考図              | 7月7日現在 ※調査結果は別紙参照   |        |   |



備考 調査者:長崎県 県北水産業普及指導センター

## 7月7日 赤潮調査結果

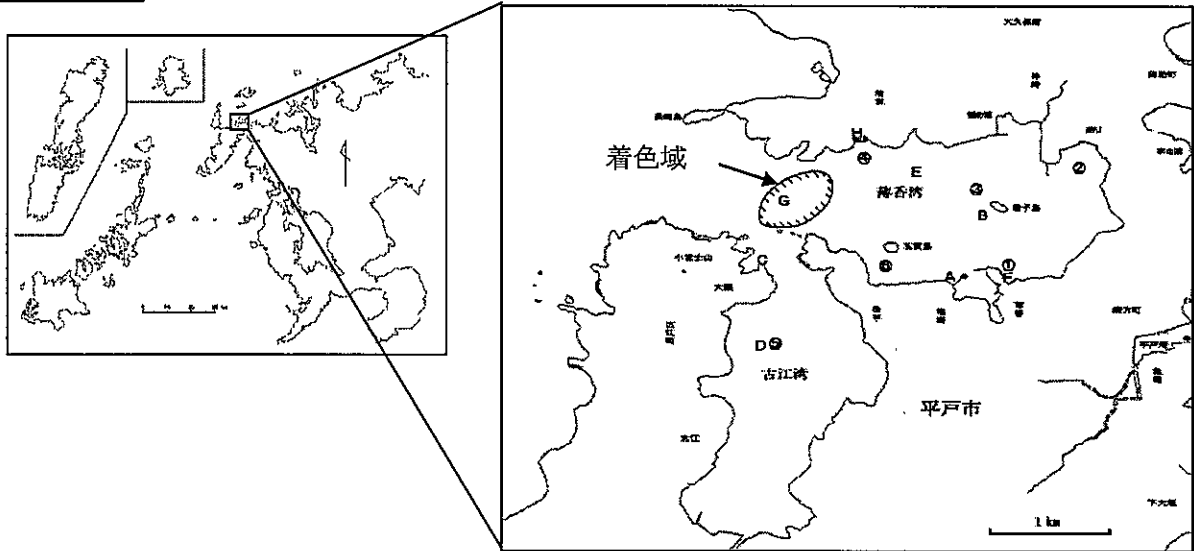
| 調査点 | 着色の有無 | 観測時刻  | 観測層 (m) | 水温 (°C) | カレニア<br>ミキモトイ<br>(cells/mL) |
|-----|-------|-------|---------|---------|-----------------------------|
| ①   | あり    | 10:50 | 0.5     | 21.9    | 102                         |
|     |       |       | 2.5     | 21.6    | 17                          |
|     |       |       | 5       | 21.5    | 4                           |
|     |       |       | 10      | 21.4    | 53                          |
| ②   | あり    | 11:00 | 0.5     | 22.0    | 1,020                       |
|     |       |       | 2.5     | 21.6    | 2,320                       |
|     |       |       | 5       | 21.4    | 440                         |
|     |       |       | 10      | 21.4    | 460                         |
| ③   | なし    | 11:05 | 0.5     | 21.8    | 242                         |
|     |       |       | 2.5     | 21.5    | 860                         |
|     |       |       | 5       | 21.4    | 680                         |
|     |       |       | 10      | 21.3    | 100                         |
| ④   | あり    | 11:10 | 0.5     | 21.8    | 5,700                       |
|     |       |       | 2.5     | 21.7    | 1,720                       |
|     |       |       | 5       | 21.5    | 645                         |
|     |       |       | 10      | 21.3    | 35                          |
| ⑤   | あり    | 11:38 | 0.5     | 21.6    | 1,050                       |
|     |       |       | 2.5     | 21.5    | 1,200                       |
|     |       |       | 5       | 21.4    | 1,080                       |
|     |       |       | 10      | 21.4    | 220                         |
| ⑥   | あり    | 11:22 | 0.5     | 21.6    | 1,310                       |
|     |       |       | 2.5     | 21.5    | 1,500                       |
|     |       |       | 5       | 21.4    | 1,870                       |
|     |       |       | 10      | 21.4    | 1,170                       |
| C   | あり    | 11:45 | 0.5     | 21.6    | 1,550                       |
|     |       |       | 2.5     | 21.5    | 3,000                       |
|     |       |       | 5       | 21.4    | 1,600                       |
|     |       |       | 10      | 21.3    | 1,910                       |
| E   | あり    | 11:15 | 0.5     | 21.8    | 192                         |
|     |       |       | 2.5     | 21.6    | 1,840                       |
|     |       |       | 5       | 21.5    | 4,300                       |
|     |       |       | 10      | 21.4    | 5,320                       |
| F   | あり    | 11:55 | 0.5     | -       | 12,425                      |
|     |       |       | 2.5     | -       | 12,500                      |
|     |       |       | 5       | -       | 5,200                       |

通報番号 (NS)－(2014)－(18-2)

通報年月日 平成26年7月9日

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月4日  | 6.漁業被害 | あり  |
| 2.発生海域名            | 九州西部<br>薄香・古江湾                                       | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 薄香湾で着色   |        |   |
| 4.水色<br>(1～108番)   | 不明   |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 21,100cells/mL |        |   |
| 8.参考図              | 7月8日現在 ※調査結果は別紙参照                                    |        |   |



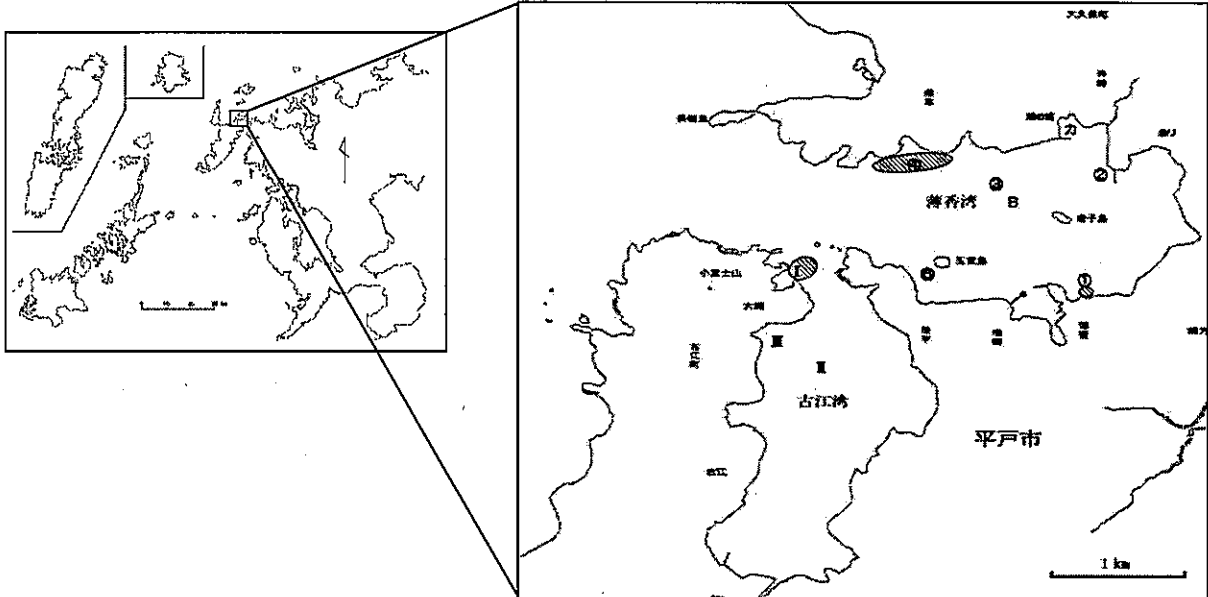
備考 調査者:長崎県 県北水産業普及指導センター

7月8日 赤潮調査結果

| 調査点 | 着色の有無 | 観測時刻  | 観測層<br>(m) | 水温<br>(°C) | 有害種 (細胞/mL)   |         |
|-----|-------|-------|------------|------------|---------------|---------|
|     |       |       |            |            | カレニア<br>ミキモトイ | シャットネラ属 |
| ①   | 無し    | 10:31 | 0.5        | 22.5       | 5             |         |
|     |       |       | 2.5        | 21.6       | 1             |         |
|     |       |       | 5          | 21.4       | 18            |         |
|     |       |       | 10         | 21.4       | 38            |         |
| ②   | 無し    | 10:41 | 0.5        | 22.5       | 2             |         |
|     |       |       | 2.5        | 21.6       | 0             |         |
|     |       |       | 5          | 21.5       | 12            |         |
|     |       |       | 10         | 21.5       | 7             |         |
| ③   | 無し    | 10:54 | 0.5        | 22.5       | 35            |         |
|     |       |       | 2.5        | 21.9       | 135           |         |
|     |       |       | 5          | 21.5       | 389           |         |
|     |       |       | 10         | 21.5       | 720           |         |
| ④   | 無し    | 11:00 | 0.5        | 22.7       | 5             |         |
|     |       |       | 2.5        | 22.1       | 78            |         |
|     |       |       | 5          | 21.6       | 830           |         |
|     |       |       | 10         | 22.9       | 457           |         |
| ⑤   | 無し    | 11:10 | 0.5        | 23.0       | 0             |         |
|     |       |       | 2.5        | 21.7       | 40            |         |
|     |       |       | 5          | 21.5       | 32            | 1       |
|     |       |       | 10         | 21.4       | 40            |         |
| ⑥   | 無し    | 11:20 | 0.5        | 22.9       | 24            |         |
|     |       |       | 2.5        | 22.1       | 60            |         |
|     |       |       | 5          | 21.6       | 40            |         |
|     |       |       | 10         | 21.5       | 50            |         |
| C   | 無し    | 11:15 | 0.5        | 22.3       | 1             |         |
|     |       |       | 2.5        | 21.8       | 20            |         |
|     |       |       | 5          | 21.6       | 130           |         |
|     |       |       | 10         | 21.6       | 130           |         |
| G   | あり    | 11:05 | 0.5        | 21.8       | 21,100        |         |
|     |       |       | 2.5        | 21.6       | 6,700         |         |
|     |       |       | 5          | 21.5       | 4,900         |         |
|     |       |       | 10         | 23.0       | 6,000         |         |
| H   | あり    | 11:40 | 0.5        | -          | 2,200         |         |
|     |       |       |            |            |               |         |
|     |       |       |            |            |               |         |
|     |       |       |            |            |               |         |

# 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成26年7月4日   | 6.漁業被害 | あり  |
| 2.発生海域名            | 九州西部<br>薄香・古江湾                                      | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 薄香湾で着色  |        |   |
| 4.水色<br>(1~108番)   | 不明  |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 2,800cells/mL |        |   |
| 8.参考図              | 7月10日現在 ※調査結果は別紙参照                                  |        |   |



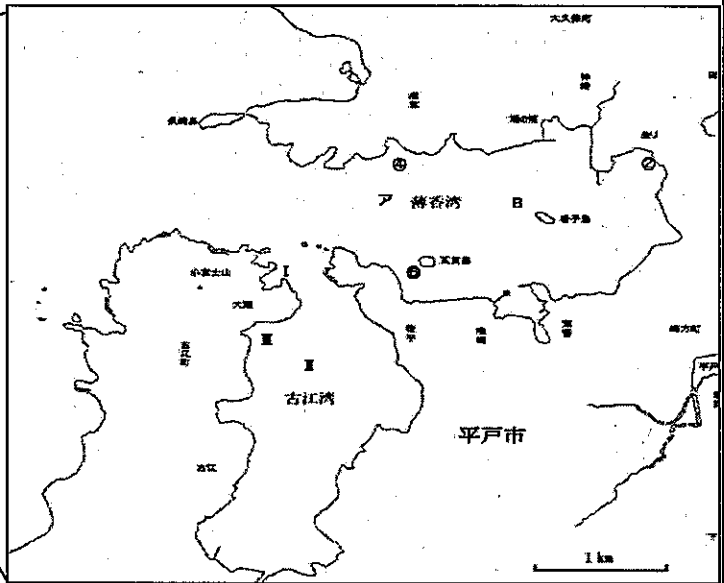
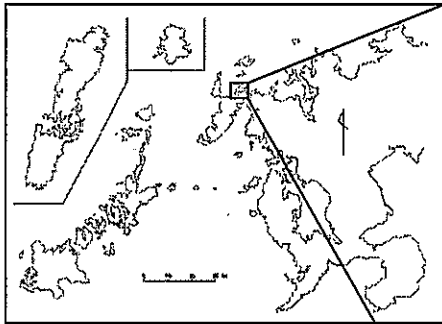
備考 調査者:長崎県 県北水産業普及指導センター

| 調査点 | 着色の有無 | 観測時刻               | 観測層 (m) | 水温 (°C) | 有害種 (細胞/mL)   |             |
|-----|-------|--------------------|---------|---------|---------------|-------------|
|     |       |                    |         |         | カレニア<br>ミキモトイ | ディクチオカ<br>属 |
| ①   | 有り    | 9:00<br>~<br>10:30 | 0.5     | —       | 128           |             |
|     |       |                    | 2.5     | —       | 128           |             |
|     |       |                    | 5       | —       | 390           |             |
|     |       |                    | 10      | —       | 277           |             |
| ②   | 無し    |                    | 0.5     | —       | 66            |             |
|     |       |                    | 2.5     | —       | 1,540         |             |
|     |       |                    | 5       | —       | 2,800         |             |
|     |       |                    | 10      | —       | 1,500         |             |
| ③   | 無し    |                    | 0.5     | —       | 2             |             |
|     |       |                    | 2.5     | —       | 13            | 1           |
|     |       |                    | 5       | —       | 100           |             |
|     |       |                    | 10      | —       | 270           | 2           |
| B   | 無し    |                    | 0.5     | —       | 33            |             |
|     |       |                    | 2.5     | —       | 11            |             |
|     |       |                    | 5       | —       | 615           |             |
|     |       |                    | 10      | —       | 118           |             |
| カ   | 有り    | 0.5                | —       | 1,990   |               |             |
|     |       | 2.5                | —       | 93      |               |             |
|     |       | 5                  | —       | 125     |               |             |
|     |       | 10                 | —       | —       |               |             |
| ④   | 有り    | 0.5                | —       | 5       |               |             |
|     |       | 2.5                | —       | 105     |               |             |
|     |       | 5                  | —       | 2,400   |               |             |
|     |       | 10                 | —       | 105     |               |             |
| ⑥   | 無し    | 0.5                | —       |         |               |             |
|     |       | 2.5                | —       | 1       | 1             |             |
|     |       | 5                  | —       | 1,250   |               |             |
|     |       | 10                 | —       | 590     |               |             |
| I   | 有り    | 0.5                | —       | —       | —             |             |
|     |       | 2.5                | —       | 540     |               |             |
|     |       | 5                  | —       | 172     |               |             |
|     |       | 10                 | —       | 9       | 1             |             |
| II  | 無し    | 0.5                | —       | —       | —             |             |
|     |       | 2.5                | —       | 68      |               |             |
|     |       | 5                  | —       | 616     |               |             |
|     |       | 10                 | —       | 700     |               |             |
| III | 無し    | 0.5                | —       | —       | —             |             |
|     |       | 2.5                | —       | —       | —             |             |
|     |       | 5                  | —       | 736     |               |             |
|     |       | 10                 | —       | 376     |               |             |

空欄は出現無し、—は採水無し

# 赤潮発生状況速報

|                     |   |         |   |
|---------------------|---|---------|---|
| 1. 発見日時             | 平成26年7月4日   | 6. 漁業被害 | あり  |
| 2. 発生海域名            | 九州西部<br>薄香・古江湾                                      | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 着色域なし   |         |   |
| 4. 水色<br>(1~108番)   | 不明  |         |   |
| 5. 優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 1,080cells/mL |         |   |
| 8. 参考図              | 7月11日現在 ※調査結果は別紙参照                                  |         |   |



備考 調査者:長崎県 県北水産業普及指導センター

## 有害種 (細胞/mL)

| 調査点 | 観測時刻  | 観測層 (m) | 水温 (°C) | カレニア<br>ミキモトイ | ディクチオカ<br>属 | シャットネラ属 |
|-----|-------|---------|---------|---------------|-------------|---------|
| ②   | 9:30  | 0.5     |         | 1             |             |         |
|     |       | 2.5     |         | 1             |             |         |
|     |       | 5       |         |               |             |         |
|     |       | 10      |         | 380           |             |         |
| B   | 9:20  | 0.5     |         | 12            |             |         |
|     |       | 2.5     |         | 23            |             |         |
|     |       | 5       |         | 145           |             |         |
|     |       | 10      |         | 800           |             |         |
| ④   | 9:10  | 0.5     |         | 3             | 2           |         |
|     |       | 2.5     |         | 8             |             |         |
|     |       | 5       |         | 9             |             |         |
|     |       | 10      |         | 27            |             |         |
| ア   | 9:00  | 0.5     | -       | -             | -           | -       |
|     |       | 2.5     | -       | -             | -           | -       |
|     |       | 5       |         |               |             |         |
|     |       | 10      |         | 110           |             |         |
| ⑥   | 8:50  | 0.5     |         |               |             |         |
|     |       | 2.5     |         | 9             |             |         |
|     |       | 5       |         | 3             |             |         |
|     |       | 10      |         | 340           |             |         |
| ⑦   | 8:25  | 0.5     | 23.5    |               |             | 2       |
|     |       | 2.5     | -       | -             | -           | -       |
|     |       | 5       | 23.5    | 1             |             |         |
|     |       | 10      | 23.5    | 3             |             |         |
| ⑧   | 9:45  | 0.5     | 23.5    |               |             |         |
|     |       | 2.5     | -       | -             | -           | -       |
|     |       | 5       | 23.5    |               |             |         |
|     |       | 10      | 23.5    |               |             |         |
| I   |       | 0.5     |         | 27            |             |         |
|     |       | 2.5     |         | 53            |             |         |
|     |       | 5       |         | 98            |             |         |
|     |       | 10      |         | 175           |             |         |
|     |       | 15      |         | 193           |             |         |
| II  | 10:30 | 0.5     | -       | -             | -           | -       |
|     |       | 2.5     |         | 46            |             |         |
|     |       | 5       |         | 630           |             |         |
|     |       | 10      |         | 155           |             |         |
| III |       | 0.5     | -       | -             | -           | -       |
|     |       | 2.5     |         | 10            |             |         |
|     |       | 5       |         | 840           |             |         |
|     |       | 10      |         | 1,080         |             |         |

空欄は出現無し、-は採水無し

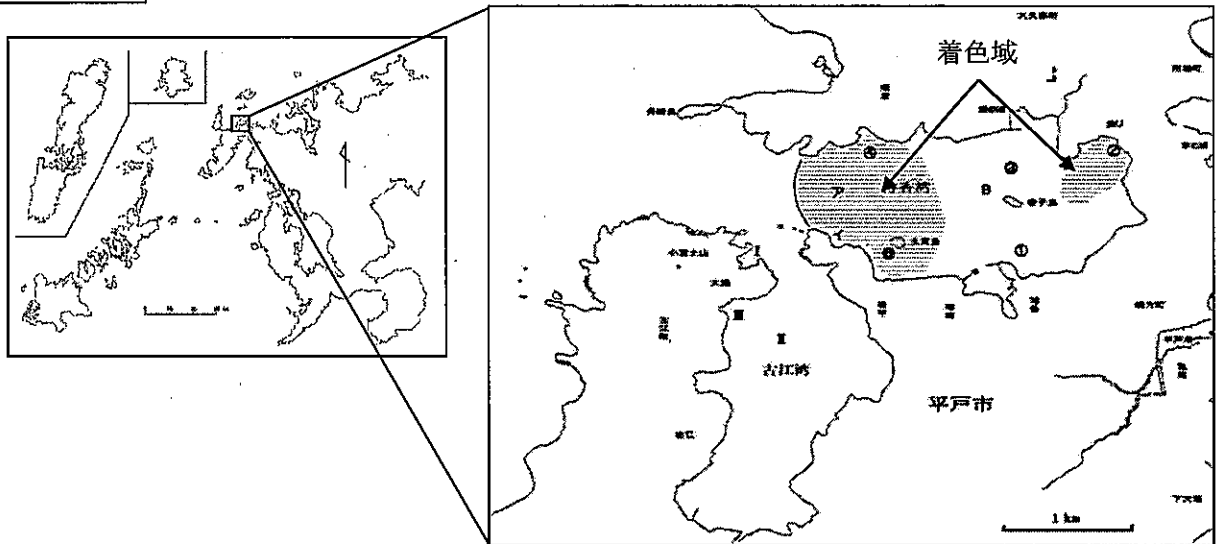


通報番号 (NS)一(2014)一(18-5)

通報年月日 平成26年7月14日

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年7月4日   | 6.漁業被害 | あり   |
| 2.発生海域名            | 九州西部<br>薄香・古江湾                                      | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 薄香湾で着色  |        |  |
| 4.水色<br>(1~108番)   | 不明  |        |  |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 5,700cells/mL |        |  |
| 8.参考図              | 7月14日現在 ※調査結果は別紙参照                                  |        |  |



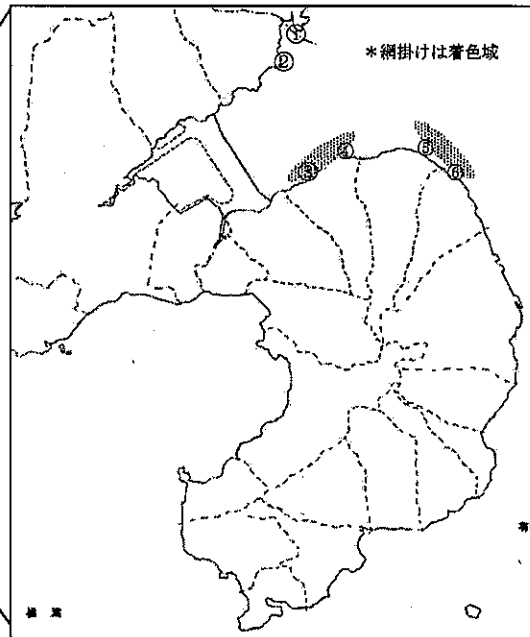
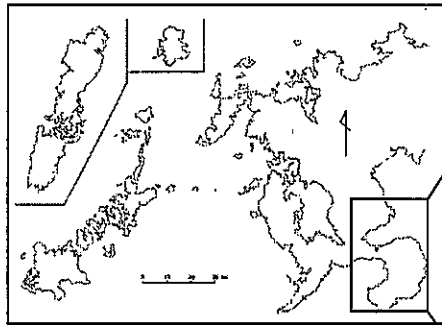
備考 調査者:長崎県 県北水産業普及指導センター

| 調査点 | 観測時刻  | 観測層 (m) | 水温 (°C) | 塩分   | DO (mg/l) | 有害種 (細胞/mL)   |             |  |
|-----|-------|---------|---------|------|-----------|---------------|-------------|--|
|     |       |         |         |      |           | カレニア<br>ミキモトイ | ディクチオカ<br>属 |  |
| ①   | 10:10 | 0.5     | 23.0    | 32.8 | 7.1       | 50            |             |  |
|     |       | 2.5     | 22.3    | 33.2 | 6.8       | 90            |             |  |
|     |       | 5       | 22.2    | 33.3 | 6.7       | 130           |             |  |
|     |       | 10      | 22.0    | 33.4 | 6.4       | 130           |             |  |
| ②   | 10:25 | 0.5     | 23.0    | 32.8 | 8.1       | 4,600         |             |  |
|     |       | 2.5     | 22.5    | 33.0 | 7.2       | 3,700         |             |  |
|     |       | 5       | 22.2    | 33.2 | 6.5       | 1,330         |             |  |
|     |       | 10      | 22.0    | 33.3 | 6.3       | 300           |             |  |
| ③   | 10:40 | 0.5     | 22.7    | 33.0 | 6.7       | 90            |             |  |
|     |       | 2.5     | 22.4    | 33.2 | 6.8       | 210           |             |  |
|     |       | 5       | 22.2    | 33.2 | 6.7       | 220           |             |  |
|     |       | 10      | 22.1    | 33.3 | 6.6       | 110           |             |  |
| B   | 10:50 | 0.5     |         |      |           | 30            |             |  |
|     |       | 2.5     |         |      |           | 140           |             |  |
|     |       | 5       |         |      |           | 170           |             |  |
|     |       | 10      |         |      |           | 110           |             |  |
| ④   | 11:00 | 0.5     | 22.5    | 33.2 | 7.3       | 5             |             |  |
|     |       | 2.5     | 22.5    | 33.2 | 7.2       | 7             |             |  |
|     |       | 5       | 22.4    | 33.2 | 7.3       | 210           |             |  |
|     |       | 10      | 22.0    | 33.2 | 6.4       | 90            |             |  |
| ア   | 11:20 | 0.5     | 22.7    | 33.1 | 8.6       | 5,700         |             |  |
|     |       | 2.5     | 22.5    | 33.2 | 7.9       | 1,280         |             |  |
|     |       | 5       | 22.3    | 33.3 | 7.4       | 1,440         |             |  |
|     |       | 10      | 22.0    | 33.3 | 6.5       | 520           |             |  |
| イ   | 11:40 | 0.5     | -       | -    | -         | -             |             |  |
|     |       | 2.5     |         |      |           | 720           |             |  |
|     |       | 5       |         |      |           | 20            |             |  |
|     |       | 10      | -       | -    | -         | -             |             |  |
| ⑥   | 11:50 | 0.5     | 22.8    | 33.0 | 7.1       | 280           |             |  |
|     |       | 2.5     | 22.5    | 33.2 | 8.0       | 580           |             |  |
|     |       | 5       | 22.2    | 33.3 | 6.9       | 460           |             |  |
|     |       | 10      | 22.0    | 33.4 | 6.4       | 100           |             |  |
| I   | 10:30 | 2.5     |         |      |           |               |             |  |
|     |       | 5       |         |      |           | 26            |             |  |
|     |       | 10      |         |      |           | 53            |             |  |
|     |       | 15      |         |      |           | 125           | 1           |  |
| II  |       | 10:30   | 2.5     |      |           |               |             |  |
|     |       |         | 5       |      |           |               | 2           |  |
|     |       |         | 10      |      |           |               | 248         |  |
|     |       |         | 15      |      |           |               | 426         |  |
| III |       | 10:30   | 2.5     |      |           |               | 58          |  |
|     |       |         | 5       |      |           |               | 18          |  |
|     |       |         | 10      |      |           |               | 26          |  |
|     |       |         | 15      |      |           |               | 8           |  |

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年7月8日   | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾南部に着色域あり   |        |  |
| 4.水色<br>(1～108番)   | くらいき(33)  |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 5,900cells/mL<br><br>微細藻類(クリプト藻主体)<br>最高細胞数 22,800cells/mL |        |  |

8.参考図 7月8日現在

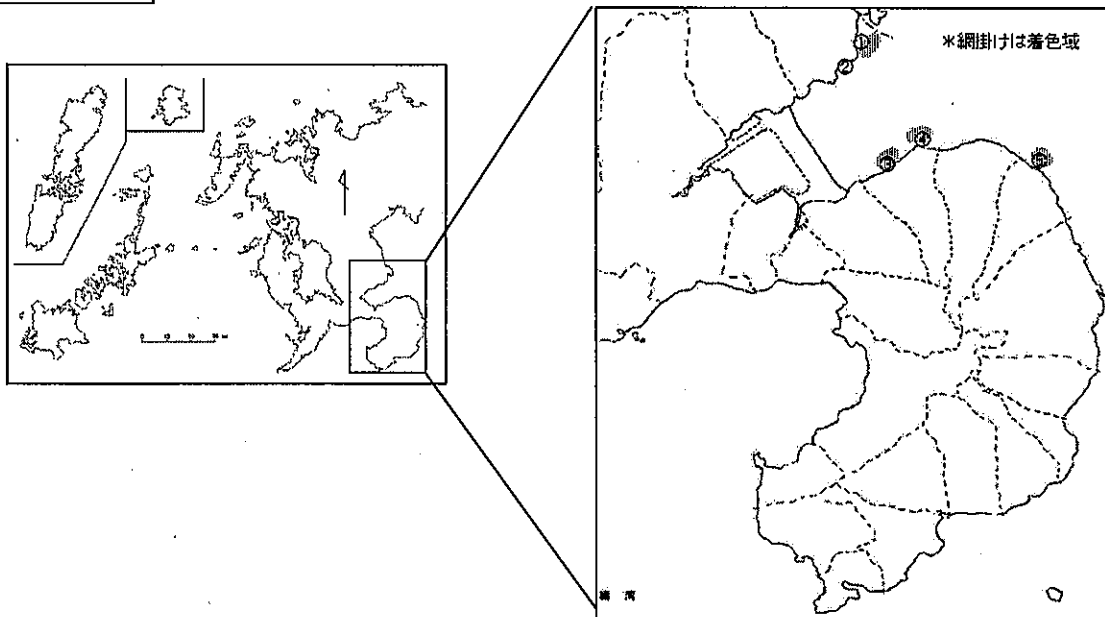


| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | 細胞数(cell/ml) |                |
|----------|------------|-------------|--------------|----------------|
|          |            |             | 微細藻類         | ヘテロシグマ<br>アカシオ |
| ①小長井町築切港 | 25.4       | 6.3         | 0            | 0              |
| ②小長井中央港  | 23.7       | 17.7        | 0            | 0              |
| ③大正港     | 26.1       | 16.5        | 13,600       | 200            |
| ④西郷港     | 27         | 12.3        | 9,900        | 5,900          |
| ⑤多比良港    | 26.6       | 19.2        | 18,450       | 400            |
| ⑥湯江漁港    | 27.5       | 17          | 22,800       | 630            |

備考 調査者:長崎県 県南水産普及指導センター

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年7月8日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾南部と北部に着色域あり   |        |  |
| 4.水色<br>(1～108番)   | くらいきみのだいだい(24)   |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 130cells/mL<br><br>微細藻類(クリプト藻主体)<br>最高細胞数 4,700cells/mL |        |  |
| 8.参考図              | 7月11日現在  |        |  |

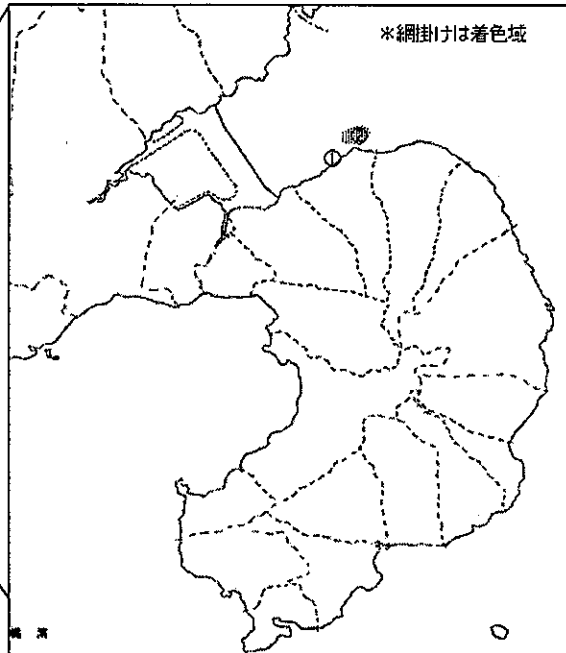
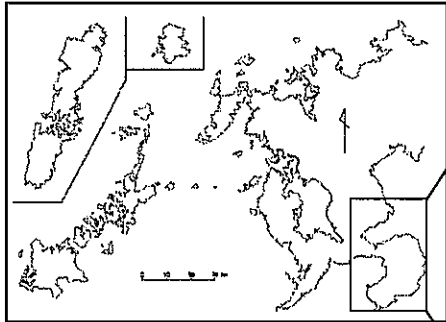


| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | 微細藻類<br>(cells/mL) | ヘテロシグマ<br>アカシオ<br>(cells/mL) |
|----------|------------|-------------|--------------------|------------------------------|
| ①小長井町築切港 | 25.5       | 23.1        | 4,700              | 0                            |
| ②小長井中央港  | 23.9       | 23.9        | 1,000              | 0                            |
| ③大正港     | 24.4       | 27.0        | 4,300              | 76                           |
| ④西郷港     | 24.9       | 23.1        | 4,250              | 130                          |
| ⑤湯江漁港    | 24.9       | 22.8        | 3,900              | 2                            |

備考 調査者:長崎県 県南水産普及指導センター

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年7月8日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾西郷港に着色域あり   |        |   |
| 4.水色<br>(1~108番)   | くらいきみどり(42)  |        |   |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 300cells/mL<br><br>微細藻類<br>最高細胞数 15,700cells/mL |        |   |
| 8.参考図              | 7月14日現在  |        |   |



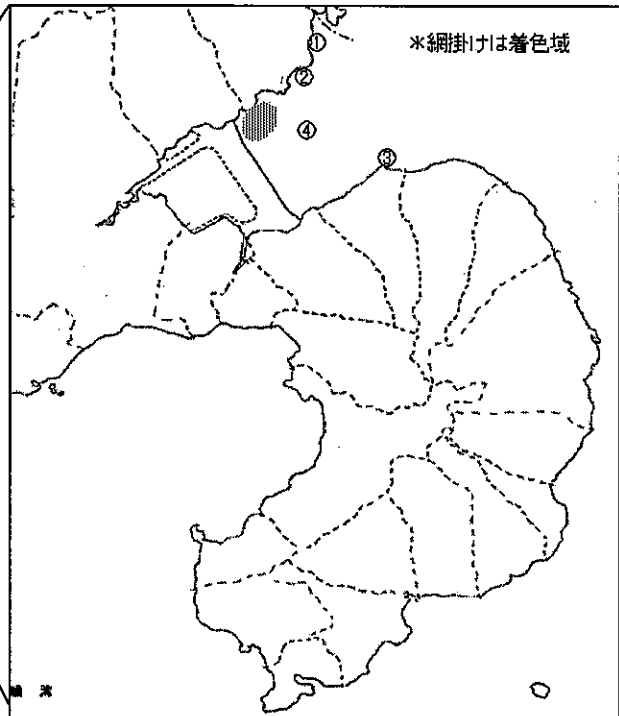
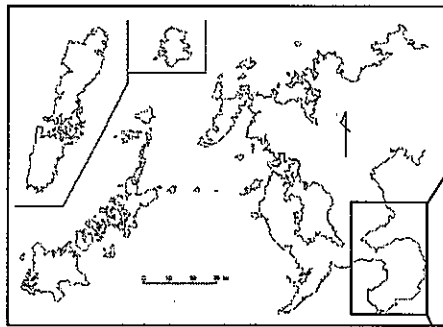
細胞数  
(cells/ml)

| 調査点  | 水温<br>(°C) | 塩分<br>(psu) | 微細<br>藻類 | ヘテロシグマ<br>アカシオ |
|------|------------|-------------|----------|----------------|
| ①大正港 | 24.4       | 28.4        | 1,300    | 0              |
| ②西郷港 | 24.3       | 27.1        | 15,700   | 300            |

備考 調査者:長崎県 県南水産普及指導センター

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年7月8日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾北部に着色域あり  |        |  |
| 4.水色<br>(1~108番)   | はいみのき(36)  |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>最高細胞数 600cells/mL<br><br>微細藻類<br>最高細胞数 15,100cells/mL |        |  |
| 8.参考図              | 7月14日現在  |        |  |



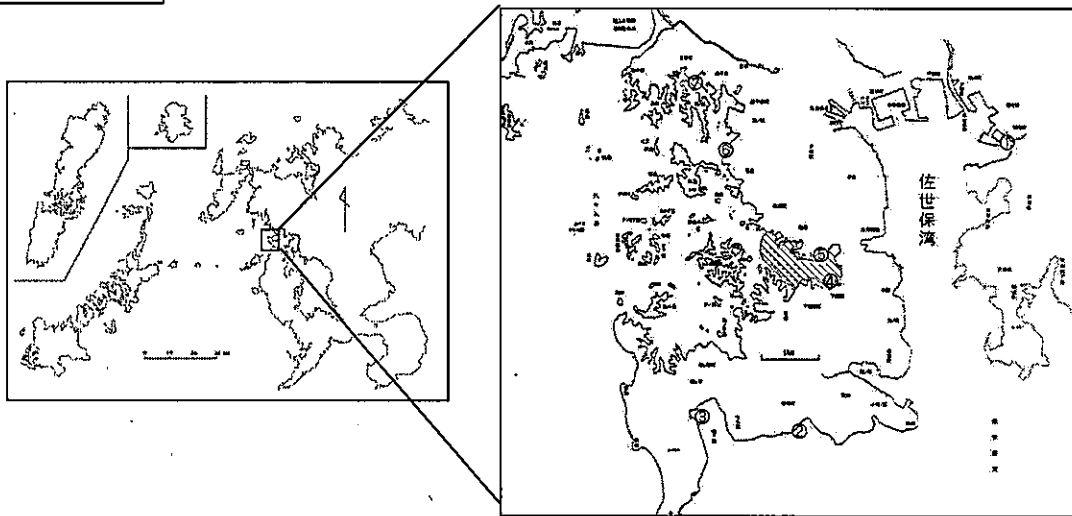
細胞数(cells/ml)

| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | 微細<br>藻類 | ヘテロシグマ<br>アカシオ |
|----------|------------|-------------|----------|----------------|
| ①小長井町築切港 | 24.7       | 23.8        | 15,100   | 600            |
| ②小長井中央港  | 24.8       | 21.7        | 3,025    | 325            |
| ③西郷港     | 24.1       | 27.7        | 1,030    | 0              |
| ④湾央(カキ筏) |            |             | 2,975    | 250            |

備考 調査者:長崎県 県南水産普及指導センター

# 赤潮発生状況速報

|                     |   |         |  |
|---------------------|---|---------|--|
| 1. 発見日時             | 平成26年7月7日   | 6. 漁業被害 | なし   |
| 2. 発生海域名            | 九州西部 九十九島<br>船越地先   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 船越地先に着色域あり  |         |  |
| 4. 水色<br>(1~108番)   | くらいあかみのだいたい(15)   |         |  |
| 5. 優占種              | <i>Karenia mikimotoi</i><br>最高細胞数 260cells/mL<br><br><i>Prorocentrum dentatum</i><br>最高細胞数 10,100cells/mL |         |  |
| 8. 参考図              | 7月8日現在  |         |  |



| 地名 | 観測時刻  | 着色                    | 水深(m) | 水温(°C) | 塩分(‰) | DO(mg/L) | 有害種(細胞/ml)    |         |         | 無害種(細胞/ml)        |
|----|-------|-----------------------|-------|--------|-------|----------|---------------|---------|---------|-------------------|
|    |       |                       |       |        |       |          | カレニア<br>ミキモトイ | ディクテオカ属 | シャットネラ属 | プロセントラム<br>デンタータム |
| ①  | 12:15 | なし                    | 0.5   | 23.2   | 29.6  | 5.05     |               | 1       |         |                   |
|    |       |                       | 2.5   | 23.0   | 30.7  | 4.41     |               |         |         |                   |
| ②  | 11:40 | なし                    | 0.5   | 22.9   | 30.8  | 6.36     |               | 4       | 2       |                   |
|    |       |                       | 2.5   | 22.6   | 31.6  | 5.95     |               | 14      | 2       |                   |
| ③  | 11:24 | なし                    | 0.5   | 23.7   | 25.5  | 7.72     |               | 14      | 74      |                   |
|    |       |                       | 2.5   | 22.7   | 31.4  | 5.55     |               | 30      | 189     |                   |
| ④  | 10:55 | なし                    | 0.5   | 23.2   | 31.9  | 5.34     |               |         |         |                   |
|    |       |                       | 2.5   | 23.6   | 31.8  | 5.12     |               | 1       |         | 1,900             |
| ⑤  | 10:34 | 15<br>くらいあかみの<br>だいたい | 0.5   | 23.2   | 31.7  | 5.41     | 260           | 1       |         | 10,100            |
|    |       |                       | 2.5   | 23.1   | 32.1  | 5.30     |               | 1       |         | 900               |
| ⑥  | 10:17 | なし                    | 0.5   | 23.3   | 30.2  | 6.65     |               | 5       | 3       |                   |
|    |       |                       | 2.5   | 22.7   | 32.0  | 6.82     | 2             | 4       | 7       | 1,300             |
| ⑦  | 9:53  | なし                    | 0.5   | 23.9   | 28.0  | 6.38     | 15            | 7       |         | 1,900             |
|    |       |                       | 2.5   | 23.1   | 31.4  | 5.57     |               |         |         | 3,000             |

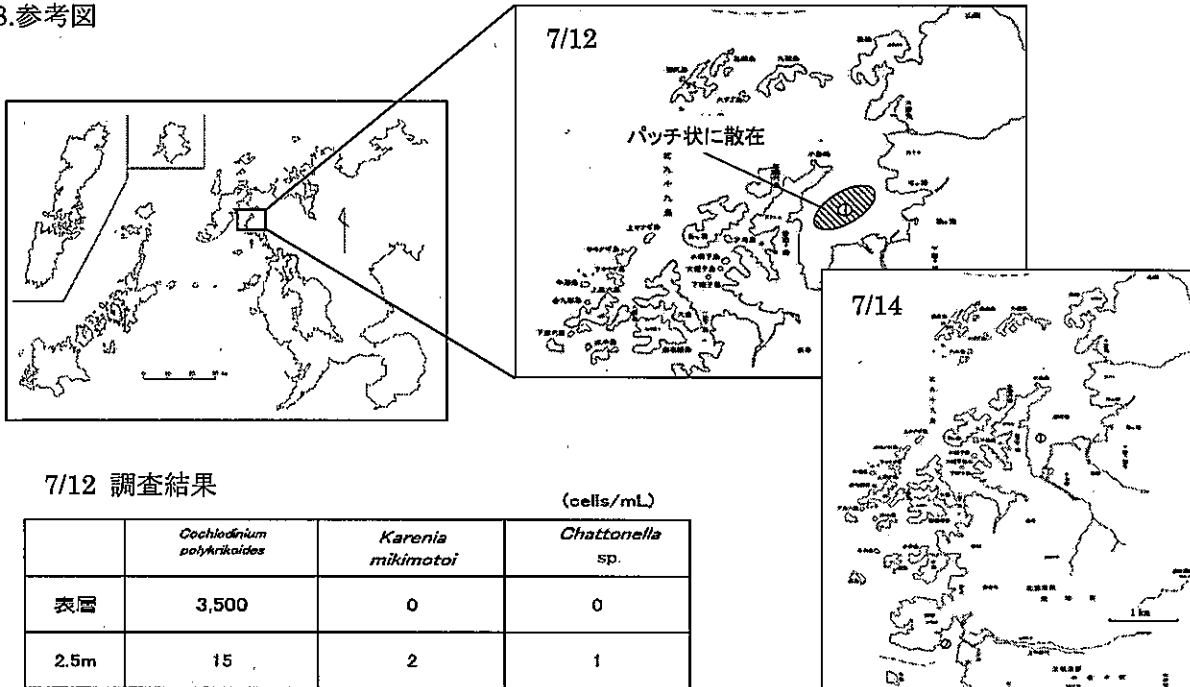
※ 空欄は出現なし

備考 調査者:長崎県 県北水産普及指導センター

## 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成 26年 7月 12日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 九十九島<br>歌ヶ浦地先  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 歌ヶ浦地先でパッチ状に着色   |        |   |
| 4.水色<br>(1~108番)   | 不明  |        |   |
| 5.優占種              | <i>Cochlodinium polykrikoides</i><br><br>(6/12)最高細胞数 3,500cells/mL<br>(6/14)最高細胞数 118cells/mL |        |   |

8.参考図



7/12 調査結果

|      | (cells/mL)                        |                          |                        |
|------|-----------------------------------|--------------------------|------------------------|
|      | <i>Cochlodinium polykrikoides</i> | <i>Karenia mikimotoi</i> | <i>Chattonella</i> sp. |
| 表層   | 3,500                             | 0                        | 0                      |
| 2.5m | 15                                | 2                        | 1                      |

7/14 調査結果

|    |        | (cells/mL)                        |                          |                        |
|----|--------|-----------------------------------|--------------------------|------------------------|
| 地点 | 水深 (m) | <i>Cochlodinium polykrikoides</i> | <i>Karenia mikimotoi</i> | <i>Chattonella</i> sp. |
| ①  | 0.5    | 118                               | 0                        | 0                      |
|    | 2.5    | 2                                 | 0                        | 0                      |
|    | 5      | 2                                 | 2                        | 0                      |
| ②  | 3      | 27                                | 0                        | 0                      |

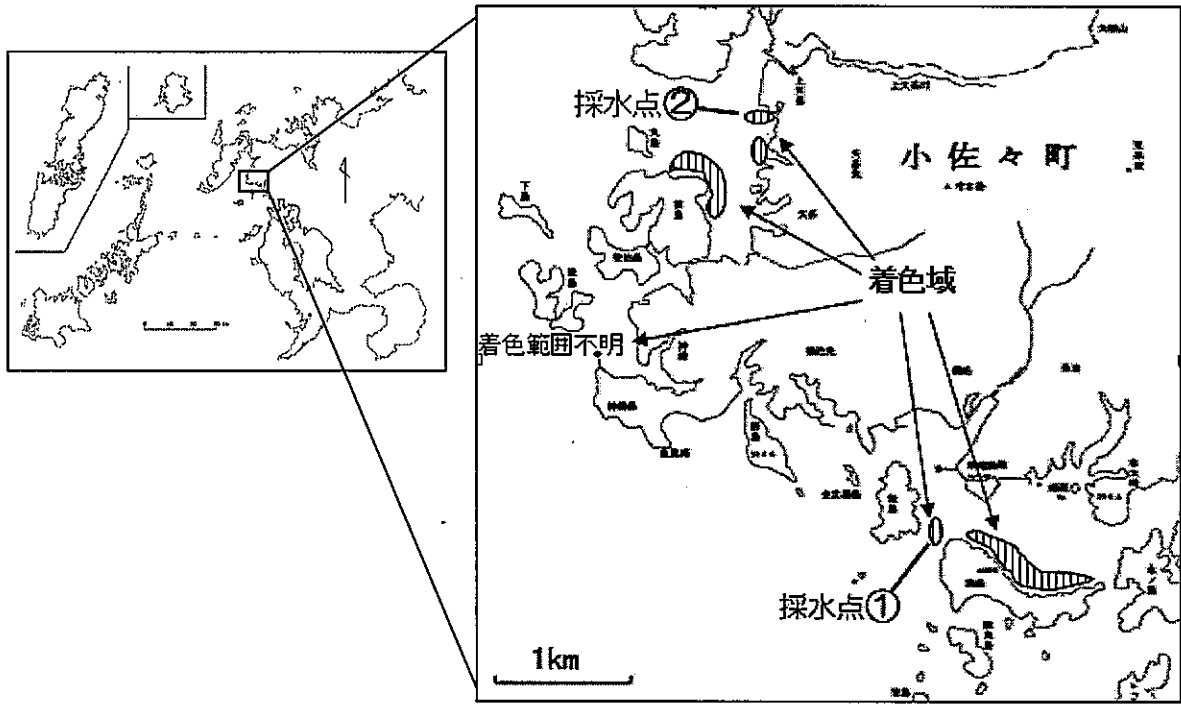
備考 調査者：長崎県 県北水産業普及指導センター



## 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成 26年 7月 21日                                      | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 九十九島<br>楠泊～矢岳地先                               | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |  |
| 4.水色<br>(1～108番)   | はいみあかみのだいだい(18)                                    |        |  |
| 5.優占種              | <i>Myrionecta rubra</i><br><br>最高細胞数 9,200cells/mL |        |  |

8.参考図 7月22日現在



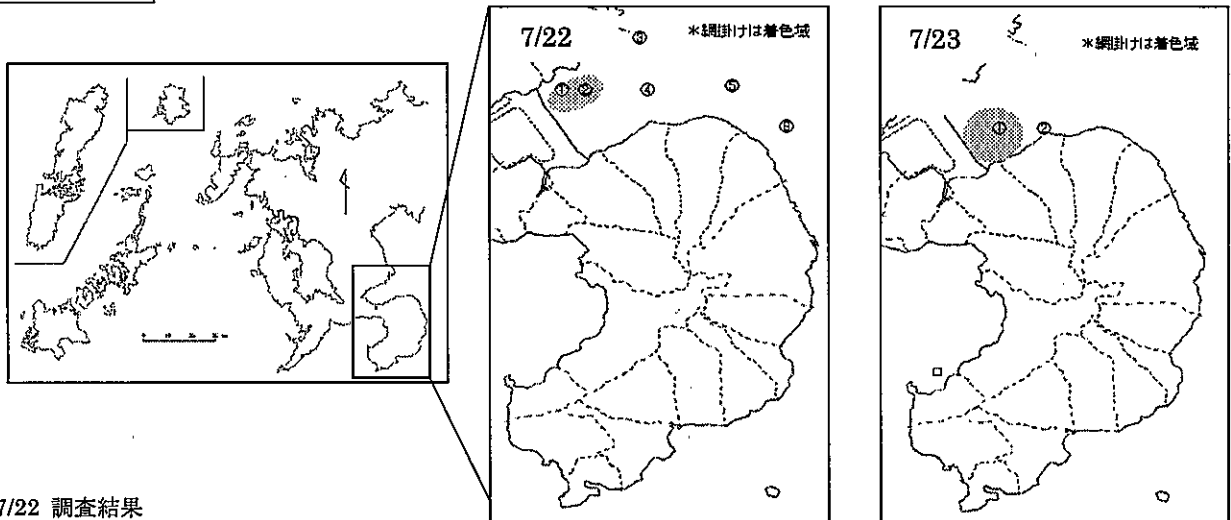
| 定点 | 水深<br>(m) | cells/mL |
|----|-----------|----------|
| ①  | 0         | 9,200    |
| ②  | 0         | 6,000    |

備考 調査者：長崎県 県北水産業普及指導センター

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年7月22日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾奥部に着色域あり   |        |  |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)  |        |  |
| 5.優占種              | <i>Heterosigma akashiwo</i><br>(7/22)最高細胞数 5,370cells/mL<br>(7/23)最高細胞数 250cells/mL<br><br><i>Skeletonema</i> spp.<br>(7/23)最高細胞数 1,600cells/mL |        |  |

8.参考図



7/22 調査結果

| 調査点  | 水温 (°C) | 塩分 (psu) | ヘテロシグマ<br>アカシオ<br>(cells/mL) |
|------|---------|----------|------------------------------|
| ①S1  | 24.7    | 28.8     | 20                           |
| ②金崎沖 | 26.9    | 28.1     | 5,370                        |
| ③北部1 |         |          | 470                          |
| ④北部2 |         |          | 120                          |
| ⑤北部3 |         |          | 90                           |
| ⑥北部4 |         |          | 30                           |

7/23 調査結果

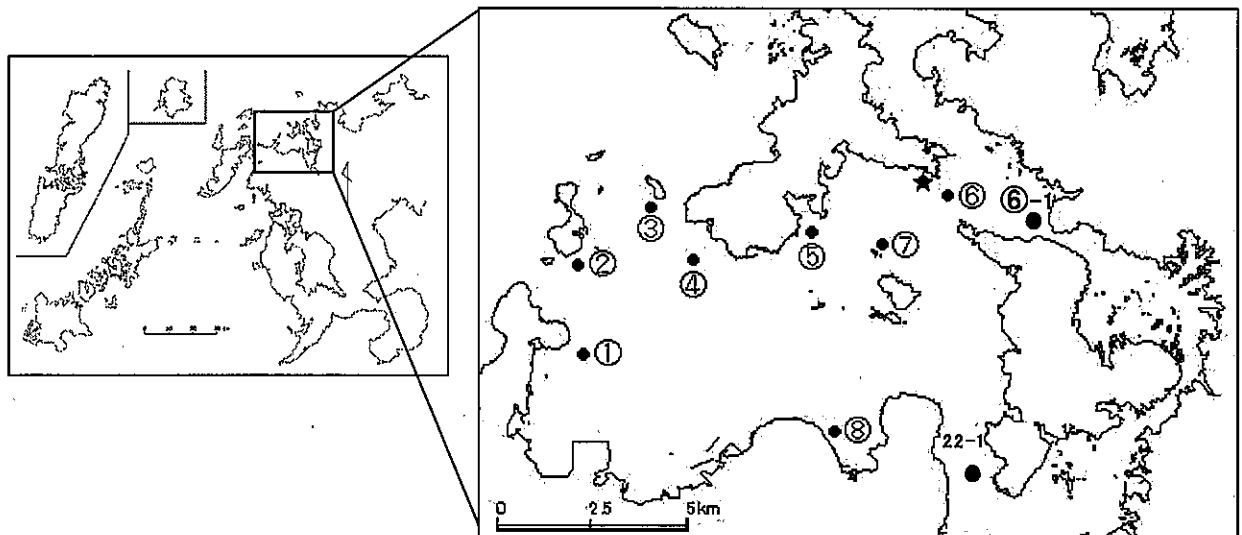
| 調査点   | 水温 (°C) | 塩分 (psu) | ヘテロシグマ<br>アカシオ | スケルトネマ<br>属 |
|-------|---------|----------|----------------|-------------|
| ①吾妻町沖 | 26.28   | 28.49    | 250            | 1,600       |
| ②西郷港  | 26.52   | 27.63    | 90             | 1,310       |

備考 調査者:長崎県 県南水産普及指導センター

## 赤潮発生状況速報

|                     |   |         |  |
|---------------------|---|---------|--|
| 1. 発見日時             | 平成 26年 7月 23日                                       | 6. 漁業被害 | なし   |
| 2. 発生海域名            | 九州北部 伊万里湾   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 福島周辺で発生   |         |  |
| 4. 水色<br>(1~108番)   |   |         |  |
| 5. 優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 2,000cells/mL |         |  |

8. 参考図 7月23日現在 ※調査結果は別紙参照



備考 調査者：長崎県 県北水産業普及指導センター

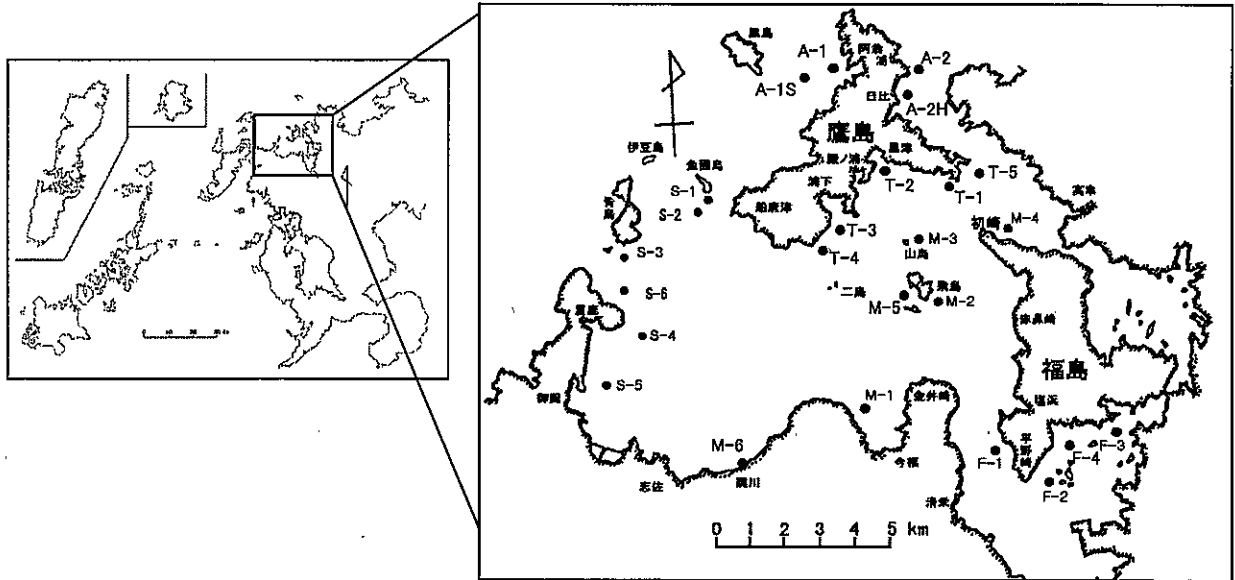
| 調査点  | 観測層<br>(m) | 有害種 (細胞/mL) |                   |        | 無害種 (細胞/mL) |
|------|------------|-------------|-------------------|--------|-------------|
|      |            | カニア<br>ミヅイ  | コクロデニウム<br>ホリコウダス | シャット初属 | 珪藻類         |
| ①    | 0.5        |             |                   |        | 142         |
|      | 2.5        |             |                   |        | 85          |
|      | 5          |             | 1                 |        | 145         |
|      | 10         |             |                   |        | 86          |
| ②    | 0.5        |             |                   |        | -           |
|      | 2.5        |             |                   |        | -           |
|      | 5          |             |                   |        | -           |
|      | 10         |             |                   |        | -           |
| ③    | 0.5        |             |                   |        | 153         |
|      | 2.5        |             |                   |        | 217         |
|      | 5          |             |                   |        | 96          |
|      | 10         |             |                   |        | 138         |
| ④    | 0.5        |             |                   |        | -           |
|      | 2.5        |             |                   |        | -           |
|      | 5          |             |                   |        | -           |
|      | 10         | 3           |                   |        | -           |
| ⑤    | 0.5        |             |                   |        | 30          |
|      | 2.5        |             |                   |        | 80          |
|      | 5          |             |                   |        | 103         |
|      | 10         | 170         |                   |        | 80          |
| ⑥    | 0.5        | 1           |                   |        | 120         |
|      | 2.5        |             |                   |        | 150         |
|      | 5          |             |                   |        |             |
|      | 10         | 50          |                   |        |             |
| ⑥-1  | 0.5        |             |                   |        | 65          |
|      | 2.5        | 1           |                   |        | 125         |
|      | 5          | 400         |                   |        | 10          |
|      | 10         | 230         |                   |        |             |
| ⑦    | 0.5        |             |                   |        | 200         |
|      | 2.5        |             |                   |        | 100         |
|      | 5          |             |                   |        | 120         |
|      | 10         | 220         |                   |        | 210         |
| 22-1 | 0.5        |             |                   |        | 400         |
|      | 2.5        |             |                   |        | 130         |
|      | 5          | 2,000       | 6                 |        |             |
|      | 10         | 1,900       |                   |        |             |
| ⑧    | 0.5        |             |                   |        | 240         |
|      | 2.5        |             |                   |        | 230         |
|      | 5          |             |                   |        | 440         |
|      | 10         |             |                   |        | 150         |

空欄は出現無し

## 赤潮発生状況速報

|                    |   |        |   |
|--------------------|---|--------|---|
| 1.発見日時             | 平成 26年 7月 23日                                       | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州北部 伊万里湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 福島～鷹島で発生  |        |   |
| 4.水色<br>(1～108番)   |   |        |   |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 3,120cells/mL |        |   |

8.参考図 7月25日現在 ※調査結果は別紙参照



備考 調査者：長崎県 県北水産業普及指導センター

7月25日 赤潮調査結果

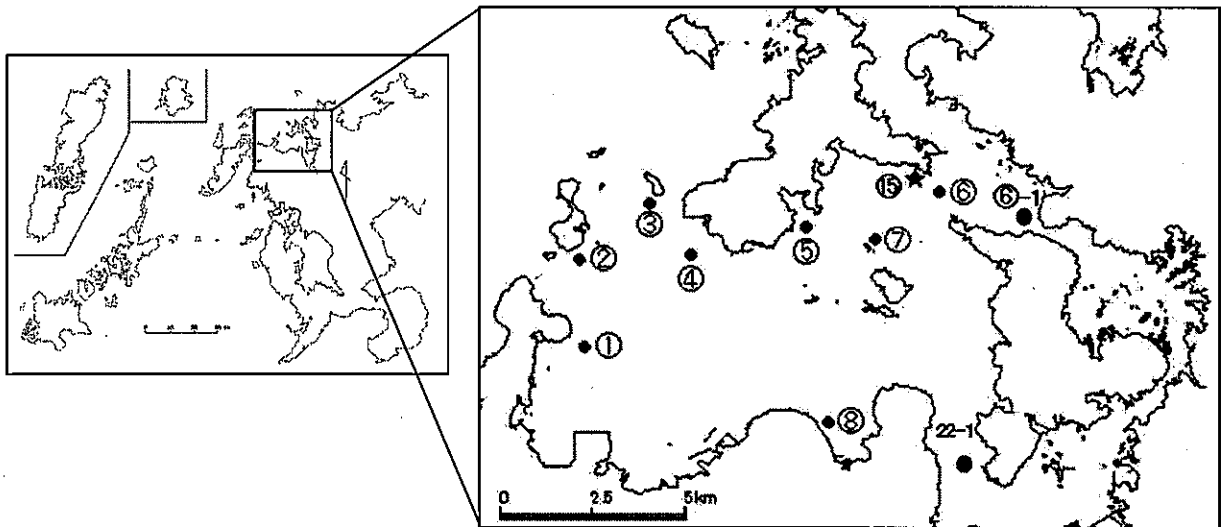
別紙

| 新星鹿  |       | 天候：晴  |     | 有害種(細胞/ml) |            |             | 水温(℃) |
|------|-------|-------|-----|------------|------------|-------------|-------|
| 定点   | 採水時刻  | 着色の有無 | 観測層 | カニアミトイ     | ディクチカ spp. |             |       |
| S-1  | 13:00 | 無し    | 0.5 |            |            |             | 27.3  |
|      |       |       | 5   |            |            |             | 26.9  |
|      |       |       | 10  |            |            | 1           | 24.6  |
| S-2  | 13:10 | 無し    | 0.5 |            |            |             | 27.0  |
|      |       |       | 5   |            |            |             | 26.9  |
|      |       |       | 10  |            |            |             | 26.6  |
| S-3  | 13:12 | 無し    | 0.5 |            |            |             | 27.1  |
|      |       |       | 5   |            |            |             | 26.6  |
|      |       |       | 10  |            |            |             | 26.0  |
| S-4  | 13:20 | 無し    | 0.5 |            |            |             | 26.0  |
|      |       |       | 5   |            |            |             | 25.2  |
|      |       |       | 10  |            |            |             | 25.1  |
| S-5  | 13:26 | 無し    | 0.5 |            |            | 1           | 25.8  |
|      |       |       | 5   |            |            |             | 25.5  |
|      |       |       | 10  |            |            |             | 25.2  |
|      |       |       |     |            |            |             |       |
| 鷹島   |       | 天候：晴  |     | 有害種(細胞/ml) |            |             | 水温(℃) |
| 定点   | 採水時刻  | 着色の有無 | 観測層 | カニアミトイ     | ディクチカ spp. | コクロデインム sp. |       |
| T-1  | -     | 無し    | 0.5 |            |            |             | 28.0  |
|      |       |       | 5   |            |            | 1           | 27.9  |
|      |       |       | 10  | 62         |            |             | 25.5  |
| T-2  | -     | 無し    | 0.5 |            |            |             | 28.0  |
|      |       |       | 5   |            |            |             | 27.8  |
|      |       |       | 10  |            |            |             | 25.1  |
| T-3  | -     | 無し    | 0.5 |            |            |             | 28.0  |
|      |       |       | 5   | 1350       |            |             | 27.5  |
|      |       |       | 10  |            |            |             | 25.4  |
| T-4  | -     | 無し    | 0.5 |            |            | 1           | 27.8  |
|      |       |       | 5   |            |            |             | 27.4  |
|      |       |       | 10  | 8          |            |             | 24.5  |
| T-5  | -     | 無し    | 0.5 |            |            | 1           | 28.0  |
|      |       |       | 5   |            |            |             | 27.5  |
|      |       |       | 10  | 1          |            |             | 27.0  |
| A-1  | 10:15 | 無し    | 0.5 | 1          |            |             | 27.0  |
|      |       |       | 5   | 1          |            |             | 26.9  |
|      |       |       | 10  |            |            | 1           | 26.8  |
| A-1S | 10:10 | 無し    | 0.5 | 2          |            |             | 27.0  |
|      |       |       | 5   |            |            | 1           | 26.9  |
|      |       |       | 10  |            |            |             | 26.8  |
| A-2H | 9:40  | 無し    | 0.5 |            |            |             | 27.3  |
|      |       |       | 5   |            |            |             | 27.2  |
|      |       |       | 10  |            |            |             | 27.0  |
|      |       |       |     |            |            |             |       |
| 福島   |       | 天候：晴  |     | 有害種(細胞/ml) |            |             | 水温(℃) |
| 定点   | 採水時刻  | 着色の有無 | 観測層 | カニアミトイ     | ディクチカ spp. |             |       |
| F-1  | 9:00  | 無し    | 0.5 |            |            |             | 28.0  |
|      |       |       | 5   | 2          |            | 1           | 27.3  |
|      |       |       | 10  | 92         |            |             | 24.9  |
| F-2  | 9:17  | 無し    | 0.5 | 1          |            | 5           | 28.2  |
|      |       |       | 5   | 660        |            | 3           | 25.5  |
|      |       |       | 10  | 330        |            |             | 24.9  |
| F-3  | 9:35  | 無し    | 0.5 |            |            |             | 29.4  |
|      |       |       | 5   | 3120       |            |             | 24.8  |

## 赤潮発生状況速報

|                     |   |         |  |
|---------------------|---|---------|--|
| 1. 発見日時             | 平成 26年 7月 23日   | 6. 漁業被害 | なし   |
| 2. 発生海域名            | 九州北部 伊万里湾   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 福島～鷹島で発生  |         |  |
| 4. 水色<br>(1～108番)   |   |         |  |
| 5. 優占種              | 、 <i>Karenia mikimotoi</i><br><br>最高細胞数 1,620cells/mL |         |  |

8. 参考図 7月29日現在 ※調査結果は別紙参照



備考 調査者：長崎県 県北水産業普及指導センター、総合水産試験場

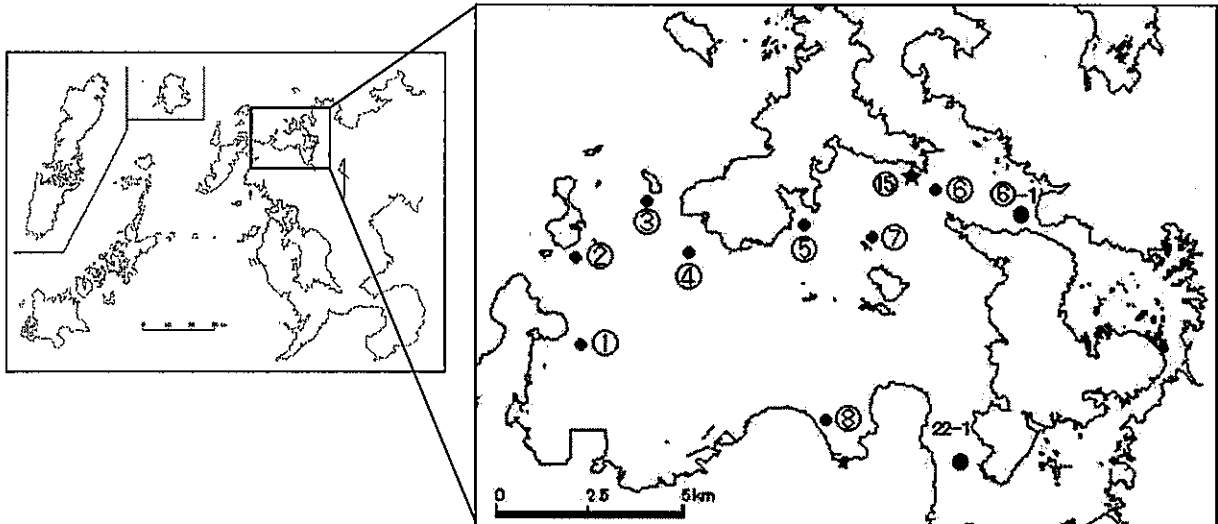
| 採水点  | 採水層<br>(m) | 水温<br>(°C) | 塩分   | カレニア<br>ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) |
|------|------------|------------|------|--------------------------|----------------|
| ①    | 0.5        | 26.9       | 33.3 |                          | 105            |
|      | 2.5        | 26.0       | 33.3 |                          | 186            |
|      | 5          | 25.3       | 33.4 |                          | 97             |
|      | 10         | 24.0       | 33.5 |                          | 85             |
| ②    | 0.5        | 26.8       | 33.2 |                          | 212            |
|      | 2.5        | 26.5       | 33.2 | 1                        | 160            |
|      | 5          | 26.0       | 33.3 |                          | 222            |
|      | 10         | 24.8       | 33.5 |                          | 229            |
| ③    | 0.5        | 27.1       | 33.0 |                          | 243            |
|      | 2.5        | 26.8       | 33.1 | 1                        | 156            |
|      | 5          | 26.4       | 33.2 |                          | 140            |
|      | 10         | 24.8       | 33.3 |                          | 193            |
| ④    | 0.5        | 26.9       | 33.0 |                          | 147            |
|      | 5          | 26.4       | 33.1 |                          | 131            |
|      | 10         | 25.0       | 33.4 |                          | 144            |
|      | 15         | 24.4       | 33.4 | 77                       | 54             |
| ⑤    | 0.5        | 27.0       | 33.0 | 2                        | 140            |
|      | 5          | 26.3       | 33.2 |                          | 120            |
|      | 10         | 24.8       | 33.3 |                          | 220            |
|      | 12         | 24.6       | 33.4 | 1,620                    | 80             |
| ⑥    | 0.5        | 27.3       | 32.6 |                          | 170            |
|      | 2.5        | 25.8       | 33.2 |                          | 480            |
|      | 5          | 25.8       | 33.3 |                          | 490            |
|      | 10         | 24.7       | 33.3 | 17                       | 260            |
| ⑦    | 0.5        | 27.1       | 33.0 |                          | 250            |
|      | 5          | 26.2       | 33.2 |                          | 200            |
|      | 10         | 24.9       | 33.3 |                          | 170            |
|      | 12         | 24.3       | 33.3 | 10                       | 140            |
| ⑧    | 0.5        | 28.0       | 33.2 |                          | 1,440          |
|      | 5          | 26.0       | 33.3 |                          | 1,000          |
|      | 10         | 24.1       | 33.5 |                          | 120            |
|      | 12         | 24.0       | 33.5 | 78                       | 80             |
| ⑥-1  | 0.5        | 28.9       | 31.8 |                          | 85             |
|      | 5          | 25.2       | 33.2 |                          | 50             |
|      | 7.5        | 25.0       | 33.2 | 1,340                    | 71             |
|      | 10         | 24.8       | 33.3 | 740                      | 47             |
| 22-1 | 0.5        | 27.9       | 32.1 |                          | 127            |
|      | 5          | 25.6       | 33.3 | 1                        | 144            |
|      | 10         | 24.8       | 33.4 |                          | 125            |
| ⑮    | 10         | 24.7       | 33.3 | 187                      | 270            |



## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成 26年 8月 1日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州北部 伊万里湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 湾全域の中層で発生   |        |  |
| 4.水色<br>(1~108番)   |   |        |  |
| 5.優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 4,400cells/mL |        |  |

8.参考図 8月1日現在 ※調査結果は別紙参照



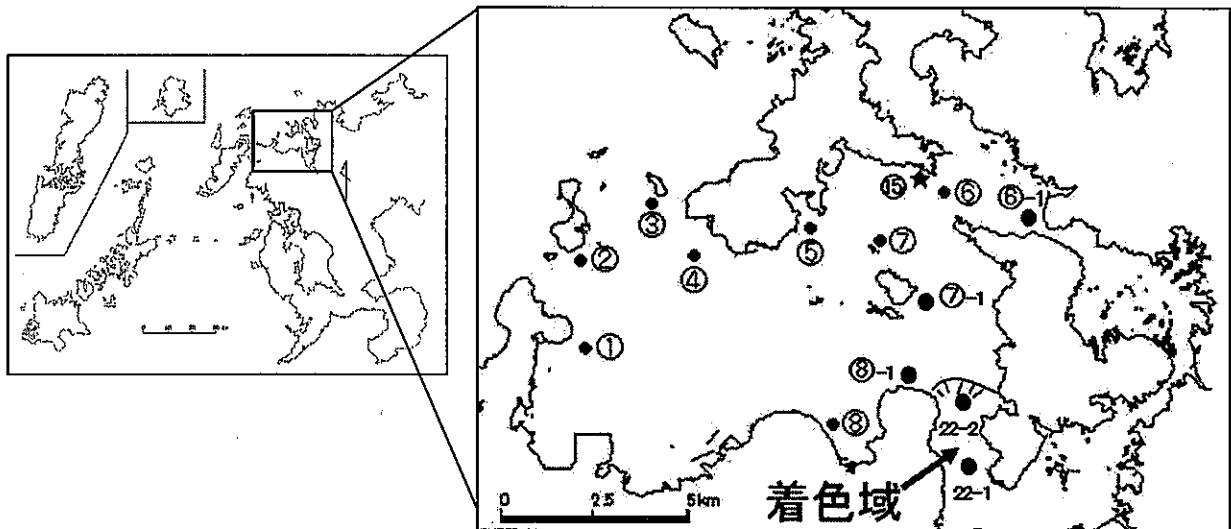
備考 調査者：長崎県 県北水産業普及指導センター、総合水産試験場

| 調査点               | 着色の有無             | 観測時刻  | 観測層(m) | 有害種(細胞/mL)    |                | 無害種(細胞/mL)       |        |     |
|-------------------|-------------------|-------|--------|---------------|----------------|------------------|--------|-----|
|                   |                   |       |        | カレニア<br>ミキモトイ | ヘテロシグマ<br>アカシオ | ギロディニウム<br>ドミナンス | ケラチウム属 | 珪藻類 |
| ①                 | 無し<br>透明度<br>10m  | 10:05 | 0.5    |               |                |                  |        | 50  |
|                   |                   |       | 2.5    |               |                |                  |        | 60  |
|                   |                   |       | 5      |               |                |                  |        | 80  |
|                   |                   |       | 11.5   | 90            |                | 3                |        | 130 |
| ②                 | 無し<br>透明度<br>11m  | 10:20 | 0.5    |               |                |                  |        | 50  |
|                   |                   |       | 2.5    | 2             |                |                  |        | 120 |
|                   |                   |       | 5      |               |                |                  |        | 250 |
|                   |                   |       | 10     | 120           |                |                  |        | 120 |
| ③                 | 無し<br>透明度<br>11m  | 10:35 | 0.5    |               |                |                  |        | 160 |
|                   |                   |       | 2.5    | 2             |                | 2                |        | 180 |
|                   |                   |       | 5      |               |                | 2                |        | 80  |
|                   |                   |       | 10     | 190           |                |                  |        | 120 |
| ④                 | 無し<br>透明度<br>9m   | 10:45 | 0.5    |               | 2              |                  |        | 72  |
|                   |                   |       | 2.5    |               |                |                  |        | 36  |
|                   |                   |       | 5      |               | 1              | 1                |        | 43  |
|                   |                   |       | 10     | 90            |                | 2                |        | 10  |
| ⑤                 | 無し<br>透明度<br>7m   | 10:50 | 0.5    |               |                | 1                |        | 14  |
|                   |                   |       | 2.5    | 2             |                | 4                | 1      | 22  |
|                   |                   |       | 6      | 480           |                | 7                |        | 38  |
|                   |                   |       | 10     | 60            |                | 3                | 1      | 13  |
| 鷹島<br>元メーター<br>近く | 無し<br>透明度<br>6m   | 10:55 | 0.5    |               |                |                  |        | 33  |
|                   |                   |       | 3.5    | 1,640         |                | 1                |        | 8   |
|                   |                   |       | 5      | 240           |                |                  | 1      | 22  |
|                   |                   |       | 10     | 24            |                | 2                | 2      | 41  |
| ⑥                 | 無し<br>透明度<br>5m   | 11:02 | 0.5    | 2             |                | 2                |        | 22  |
|                   |                   |       | 2.5    | 330           |                | 1                |        | 58  |
|                   |                   |       | 5      | 1,450         |                | 2                |        | 21  |
|                   |                   |       | 10     | 130           |                | 1                | 1      | 44  |
| ⑥-1               | 無し<br>透明度<br>5m   | 11:14 | 0.5    |               |                |                  |        | 28  |
|                   |                   |       | 2.5    | 3             |                | 1                | 2      | 11  |
|                   |                   |       | 5      | 4,400         |                |                  |        |     |
|                   |                   |       | 10     | 800           |                |                  | 1      |     |
| ⑦                 | 無し<br>透明度<br>6m   | 11:22 | 0.5    |               |                |                  |        |     |
|                   |                   |       | 3.5    | 750           |                |                  |        |     |
|                   |                   |       | 5      |               |                |                  |        |     |
|                   |                   |       | 10     | 26            |                |                  |        |     |
| 22-1              | 無し<br>透明度<br>4.5m | 11:37 | 0.5    |               |                |                  |        | 23  |
|                   |                   |       | 2.5    | 3,000         |                |                  |        | 23  |
|                   |                   |       | 4      | 1,200         |                |                  | 1      | 6   |
|                   |                   |       | 10     | 160           |                |                  |        |     |
| ⑧                 | 無し<br>透明度<br>7.5m | 11:55 | 0.5    |               |                |                  |        |     |
|                   |                   |       | 2.5    |               |                |                  |        |     |
|                   |                   |       | 6      | 48            |                |                  |        |     |
|                   |                   |       | 10     | 2,550         |                |                  |        |     |

## 赤潮発生状況速報

|                     |  |         |  |
|---------------------|--|---------|--|
| 1. 発見日時             | 平成 26年 8月 1日   | 6. 漁業被害 | なし   |
| 2. 発生海域名            | 九州北部 伊万里湾  | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部 浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 福島周辺に着色域あり   |         |  |
| 4. 水色<br>(1~108番)   | くらいきみのだいだい(24)                                       |         |  |
| 5. 優占種              | <i>Karenia mikimotoi</i><br><br>最高細胞数 19,300cells/mL |         |  |

8. 参考図 8月5日現在 ※調査結果は別紙参照



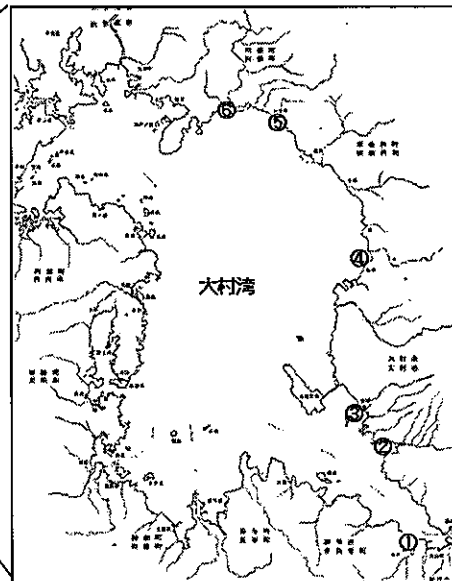
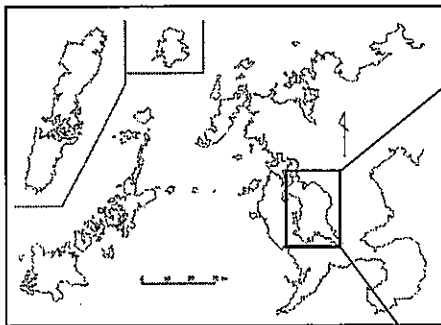
備考 調査者：長崎県 県北水産業普及指導センター、総合水産試験場

| 採水点  | 採水層<br>(m) | 水温<br>(°C) | 塩分   | カレニア ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) |
|------|------------|------------|------|-----------------------|----------------|
| ①    | 0.5        | 24.0       | 32.3 | 0                     | 31             |
|      | 2.5        | 23.9       | 33.2 | 0                     |                |
|      | 5          | 23.9       | 33.4 | 0                     | 5              |
|      | 10         | 23.9       | 33.5 | 0                     | 6              |
| ②    | 0.5        | 24.1       | 32.9 | 0                     | 23             |
|      | 2.5        | 24.1       | 33.1 | 0                     | 64             |
|      | 5          | 24.1       | 33.4 | 0                     | 32             |
|      | 10         | 23.8       | 33.5 | 1                     | 7              |
| ③    | 0.5        | 24.2       | 32.7 | 0                     | 17             |
|      | 2.5        | 24.2       | 32.8 | 0                     | 59             |
|      | 5          | 24.0       | 33.3 | 0                     | 22             |
|      | 10         | 24.0       | 33.4 | 0                     | 12             |
| ④    | 0.5        | 24.2       | 32.7 | 1                     | 9              |
|      | 2.5        | 24.2       | 32.7 | 1                     | 12             |
|      | 5          | 24.2       | 32.8 | 0                     | 8              |
|      | 10         | 24.2       | 33.1 | 0                     | 8              |
| ⑤    | 0.5        | 24.9       | 31.7 | 3                     |                |
|      | 2.5        | 24.9       | 31.9 | 0                     |                |
|      | 5          | 24.6       | 32.6 | 0                     | 2              |
|      | 10         | 23.7       | 33.3 | 0                     |                |
| ⑬    | 0.5        | 24.8       | 29.1 | 0                     | 4              |
|      | 2.5        | 24.8       | 29.2 | 0                     | 7              |
| ⑥    | 0.5        | 24.9       | 26.7 | 2                     | 4              |
|      | 2.5        | 24.9       | 30.3 | 3                     | 7              |
|      | 5          | 24.7       | 32.4 | 0                     |                |
|      | 10         | 23.7       | 33.3 | 0                     |                |
| ⑥-1  | 0.5        | 25.0       | 30.3 | 0                     |                |
|      | 2.5        |            |      | 0                     |                |
|      | 5          | 25.1       | 31.4 | 0                     | 5              |
|      | 10         | 23.9       | 33.2 | 0                     |                |
| ⑦    | 0.5        | 24.8       | 31.3 | 1                     | 10             |
|      | 2.5        | 24.5       | 32.1 | 0                     | 20             |
|      | 5          | 24.2       | 32.7 | 0                     | 20             |
|      | 10         | 23.9       | 33.2 | 1                     | 10             |
| ⑦-1  | 0.5        | 24.6       | 29.9 | 0                     | 9              |
|      | 2.5        | 24.6       | 31.5 | 0                     |                |
| 22-1 | 0.5        | 25.0       | 26.5 | 19,300                |                |
|      | 2.5        | 24.5       | 31.6 | 80                    |                |
|      | 5          | 24.4       | 32.3 | 1                     | 36             |
|      | 10         | 23.9       | 33.2 | 3                     |                |
| 22-2 | 0.5        | 24.9       | 25.8 | 11,100                |                |
|      | 2.5        | 24.6       | 30.9 | 34                    | 2              |
| ⑧-1  | 0.5        | 24.5       | 29.1 | 26                    |                |
|      | 2.5        | 24.5       | 31.9 | 30                    |                |
| ⑧    | 0.5        | 24.3       | 26.6 | 15                    | 30             |
|      | 2.5        | 24.4       | 32.0 | 260                   | 50             |
|      | 5          | 24.3       | 32.4 | 31                    | 40             |
|      | 10         | 23.9       | 33.0 | 28                    | 80             |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年8月6日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 大村湾東部に着色域あり  |        |   |
| 4.水色<br>(1~108番)   | くらいあかみのだいたい(15)                                    |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 9,500cells/mL |        |   |

8.参考図 8月6日現在



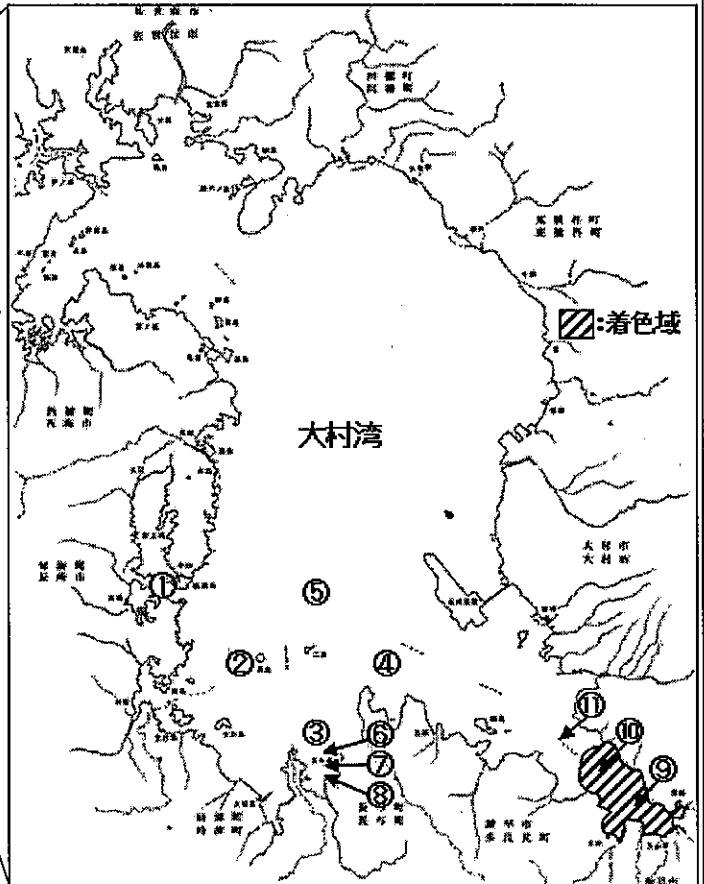
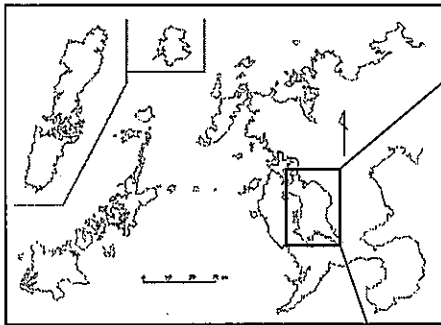
| 観測点                | 水色                  | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|--------------------|---------------------|------------|------------|--------------------|
| ①多良見 9:30          | くらいきみのだいたい<br>24番   | 0.5        | 25.8       | 2,500              |
| ②大村湾東部漁協前<br>10:23 | くらいきみどり、42番         | 0.5        | 25.7       | 27                 |
| ③大村市 新城 10:44      | くらいみどり、51番          | 0.5        | 25.6       | 2                  |
| ④大村市 松原 11:10      | さえたき、31番            | 0.5        | 25.8       | 256                |
| ⑤音琴 11:32          | くらいあかみのだいたい 15<br>番 | 0.5        | 26.0       | 9,500              |
| ⑥川棚 11:50          | くらいき、33番            | 0.5        | 26.7       | 58                 |

備考 調査者:長崎県 県央水産業普及指導センター

# 赤潮発生状況速報

|                     |  |         |   |
|---------------------|--|---------|---|
| 1. 発見日時             | 平成26年8月6日  | 6. 漁業被害 | なし  |
| 2. 発生海域名            | 九州西部 大村湾   |         |   |
| 3. 発生状況<br>(規模、形状等) | 津水湾に着色域あり  | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 4. 水色<br>(1~108番)   | くらいあかみのだいたい(15)                                  |         |   |
| 5. 優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 720cells/mL |         |   |

8. 参考図 8月7日現在 ※結果は別紙参照



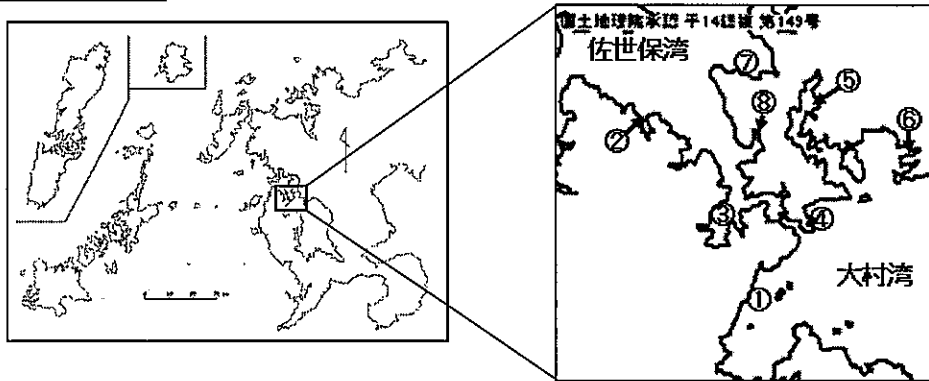
備考 調査者:長崎県 県央水産業普及指導センター

| 観測点    | 水色              | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|--------|-----------------|------------|------------|--------------------|
| ①      | こいきみどり、41番      | 2.5        | 26.8       | 1                  |
| ②      | さえたみどり、49番      | 2.5        | 26.2       | 30                 |
| ③      | さえたみどり、49番      | 2.5        | 26.6       | 0                  |
| ④      | さえたみどり、49番      | 2.5        | 26.1       | 2                  |
| ⑤      | さえたみどり、49番      | 2.5        | 26.2       | 98                 |
| ⑥長与-1  |                 | 0          | 28.3       | 0                  |
| ⑦長与-2  |                 | 0          | 27.7       | 0                  |
| ⑧長与-3  |                 | 0          | 28.4       | 0                  |
| ⑨津水湾-1 | くらいあかみのだいたい、15番 | 0          | 28.4       | 720                |
| ⑩津水湾-2 |                 | 0          | 29.8       | 4                  |
| ⑪津水湾-3 |                 | 0          | 28.9       | 0                  |

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年8月6日  | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 大村湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>// 外海研究部<br>福岡県水産海洋技術センター<br>// 有明海研究所<br>// 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>// 水産研究部<br>// 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) |  |        |   |
| 4.水色<br>(1~108番)   | はいみのきみどり(45)                                     |        |   |
| 5.優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 294cells/mL |        |   |

8.参考図 8月8日現在 ※結果は別紙参照



| 観測点        | 水色       | 採水層 | 水温   | シャットネラ属 |
|------------|----------|-----|------|---------|
|            |          | (m) | (°C) | (細胞/ml) |
| ①西彼町漁協前    | はいみのきみどり | 0.5 | 27.9 | 12      |
|            | 45番      |     |      |         |
| ②横瀬        | はいみのみどり  | 0.5 | 26.6 | 20      |
|            | 54番      |     |      |         |
| ③瀬川        | くらいみどり   | 0.5 | 26.1 | 47      |
|            | 51番      |     |      |         |
| ④崎針尾       | はいみのみどり  | 0.5 | 26.9 | 17      |
|            | 54番      | 2.5 | 26.9 | 3       |
| ⑤江上浦       | はいみのきみどり | 0.5 | 28.4 | 90      |
|            | 45番      |     |      |         |
| ⑥佐世保市南部漁協前 | はいみのきみどり | 0.5 | 26.7 | 294     |
|            | 45番      |     |      |         |
| ⑦柿ノ浦       | はいみのみどり  | 0.5 | 26.7 | 7       |
|            | 54番      | 2.5 | 26   | 0       |
| ⑧針尾漁協前     | はいみのみどり  | 0.5 | 26.2 | 23      |
|            | 54番      | 2.5 | 26.1 | 12      |

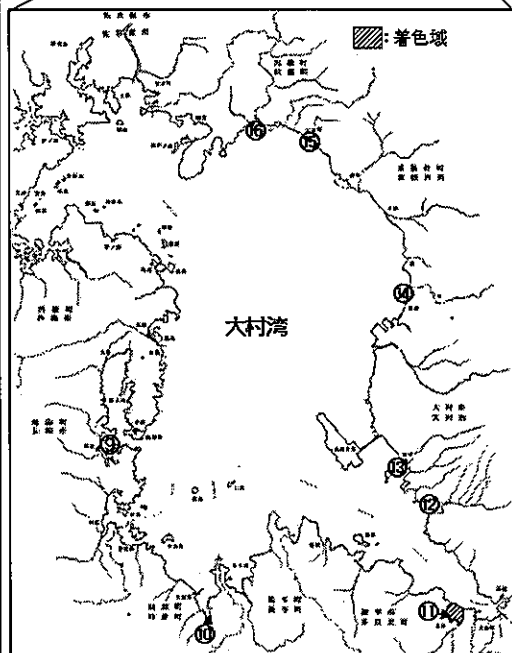
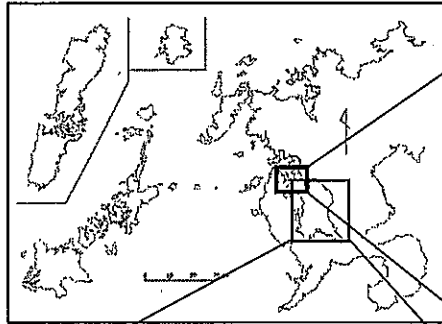
備考 調査者:長崎県 県央水産業普及指導センター



# 赤潮発生状況速報

|                     |  |         |  |
|---------------------|--|---------|--|
| 1. 発見日時             | 平成26年8月6日  | 6. 漁業被害 | なし   |
| 2. 発生海域名            | 九州西部 大村湾   | 7. その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3. 発生状況<br>(規模、形状等) | 大村湾東部に着色域あり  |         |  |
| 4. 水色<br>(1~108番)   | くらいあかみのだいたい(15)                                    |         |  |
| 5. 優占種              | <i>Chattonella</i> spp.<br><br>最高細胞数 5,040cells/mL |         |  |

8. 参考図 8月11日現在 ※結果は別紙参照

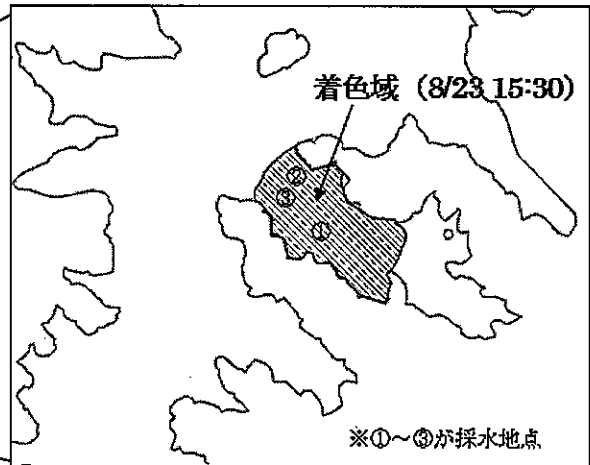
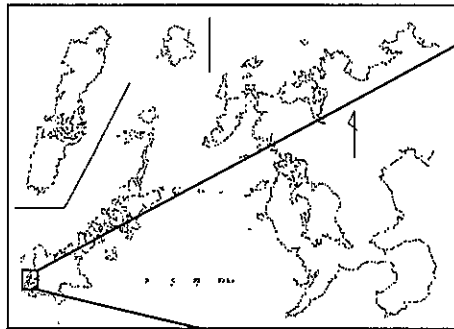


備考 調査者:長崎県 県央水産業普及指導センター

| 観測点                 | 水色                 | 採水層<br>(m) | 水温<br>(°C) | シャットネラ属<br>(細胞/ml) |
|---------------------|--------------------|------------|------------|--------------------|
| ①西彼町漁協前<br>9:35     | はいみのみどり<br>54番     | 0.5        | 26.8       | 185                |
|                     |                    | 2.5        | 26.0       | 11                 |
| ②横瀬<br>9:55         | はいみのみどり<br>54番     | 0.5        | 25.9       | 20                 |
|                     |                    | 2.5        | 25.7       | 12                 |
| ③瀬川<br>10:08        | はいみのみどり<br>54番     | 0.5        | 25.9       | 24                 |
|                     |                    | 2.5        | 25.9       | 6                  |
| ④崎針尾<br>10:24       | あかるいはいみのみどり<br>53番 | 0.5        | 26.4       | 8                  |
|                     |                    | 2.5        | 26.0       | 5                  |
| ⑤江上浦 10:42          | はいみのき、36番          | 0.5        | 27.0       | 706                |
| ⑥佐世保市南部漁協前<br>10:59 | はいみのきみどり<br>45番    | 0.5        | 26.3       | 6                  |
|                     |                    | 2.0        | 26.2       | 6                  |
| ⑦柿ノ浦<br>11:22       | はいみのみどり<br>54番     | 0.5        | 26.4       | 30                 |
|                     |                    | 2.5        | 26.0       | 18                 |
| ⑧針尾漁協前<br>11:34     | はいみのみどり<br>54番     | 0.5        | 25.9       | 8                  |
|                     |                    | 2.5        | 25.7       | 18                 |
| ⑨長浦<br>13:02        | はいみのきみどり<br>45番    | 0.5        | 27.8       | 1                  |
|                     |                    | 2.0        | 27.4       | 1                  |
| ⑩時津<br>13:29        | はいみのきみどり<br>45番    | 0.5        | 28.0       | 0                  |
|                     |                    | 2.0        | 27.8       | 0                  |
| ⑪多良見<br>10:30       | くらいあかみのだいたい<br>15番 | 0.5        | 28.5       | 4,060              |
| ⑫大村湾東部漁協前<br>11:32  | くらいきみどり<br>42番     | 0.5        | 27.0       | 8                  |
| ⑬大村市 新城<br>11:46    | くらいみどり<br>51番      | 0.5        | 26.5       | 50                 |
| ⑭大村市 松原<br>12:11    | くらいきみどり<br>42番     | 0.5        | 27.6       | 305                |
| ⑮音琴<br>12:34        | くらいきみどり<br>42番     | 0.5        | 26.4       | 5,040              |
| ⑯川棚<br>12:45        | こいきみどり<br>41番      | 0.5        | 26.7       | 151                |

# 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成26年8月23日   | 6.漁業被害 | なし   |
| 2.発生海域名            | 離島 五島<br>五島市 玉之浦町 玉之浦湾                             | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 河原浦の湾口部から中央部にかけて着色                                 |        |  |
| 4.水色<br>(1~108番)   | くらいきみのだいだい(24)                                     |        |  |
| 5.優占種              | <i>Myrionecta rubra</i><br><br>最高細胞数 6,600cells/mL |        |  |
| 8.参考図              | 8月23日現在  |        |  |



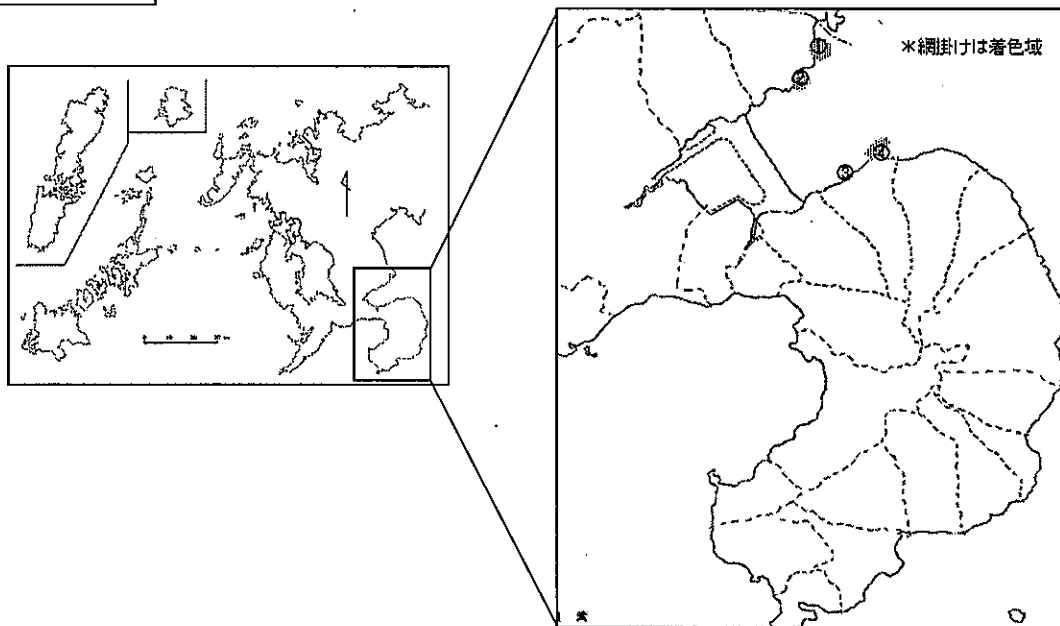
調査地点(測定層0m)

| 採水地点 | 採水時間  | 主なプランクトン                | 細胞数 (cell/L) | 水色 |
|------|-------|-------------------------|--------------|----|
| ①    | 12:30 | <i>Myrionecta rubra</i> | 6,600        | 24 |
| ②    | 12:30 |                         | 142          | 42 |
| ③    | 15:15 |                         | 666          | 42 |

備考 調査者:長崎県 五島水産業普及指導センター

# 赤潮発生状況速報

|                    |  |        |   |
|--------------------|--|--------|---|
| 1.発見日時             | 平成26年8月27日   | 6.漁業被害 | なし  |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾北部・南部に着色域あり   |        |   |
| 4.水色<br>(1~108番)   | くらいあかみのだいたい(15)  |        |   |
| 5.優占種              | <i>Ceratium furca</i><br>最高細胞数 6,950cells/mL<br><br><i>Gonyaulax</i> spp.<br>最高細胞数 1,000cells/mL |        |   |
| 8.参考図              | 8月27日現在  |        |   |



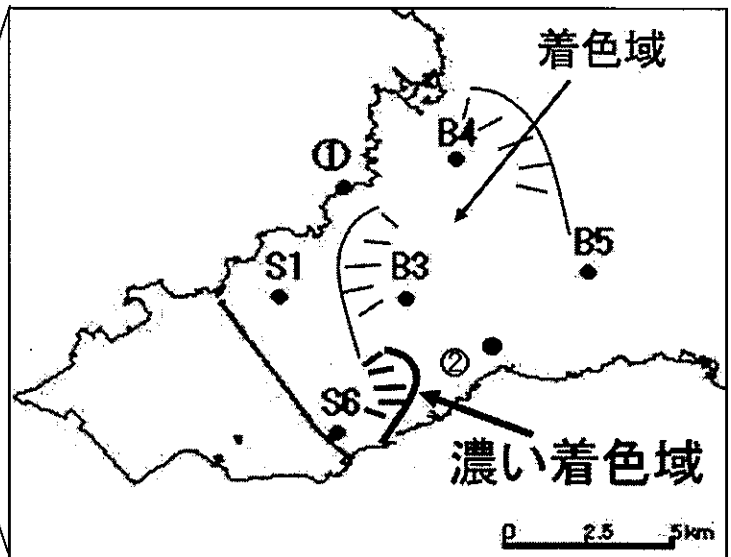
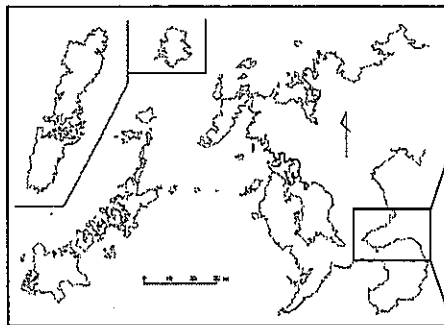
細胞数(cells/ml)

| 調査点      | 水温<br>(°C) | 塩分<br>(psu) | ゴニオラックス spp. | ケラチウム<br>フルカ |
|----------|------------|-------------|--------------|--------------|
| ①小長井町築切港 | 27.4       | 19.1        | 260          | 1,570        |
| ②小長井中央港  | 27.7       | 19.1        | —            | —            |
| ③大正港     | 27.28      | 24.38       | 0            | 71           |
| ④西郷港     | 27.13      | 22          | 1,000        | 6,950        |

備考 調査者:長崎県 県南水産普及指導センター

# 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年8月27日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾   | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 参考図の通り  |        |  |
| 4.水色<br>(1~108番)   | くらいあかみのだいたい(15)   |        |  |
| 5.優占種              | <i>Ceratium furca</i><br>最高細胞数 2,250cells/mL<br><br><i>Gonyaulax</i> spp.<br>最高細胞数 20cells/mL<br><br><i>Akashiwo sanguinea</i><br>最高細胞数 150cells/mL |        |  |
| 8.参考図              | 8月28日現在 ※調査結果は別紙参照  |        |  |



備考 調査者:長崎県 総合水産試験場

## 2014年8月28日赤潮調査結果

## 別紙

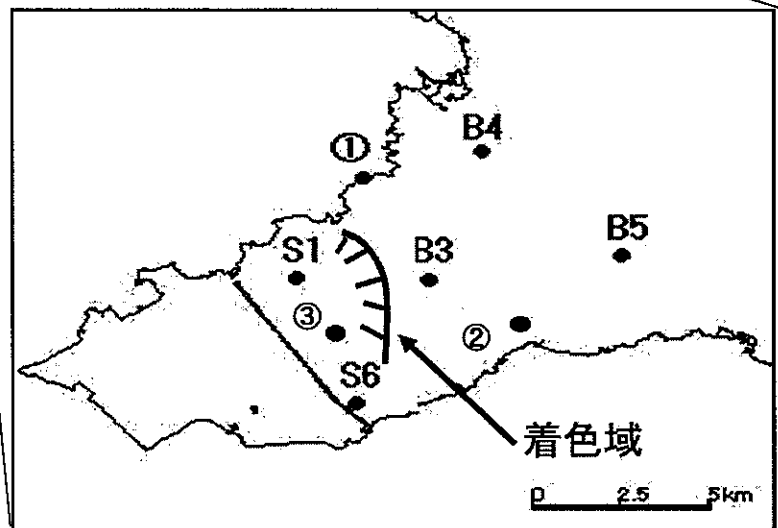
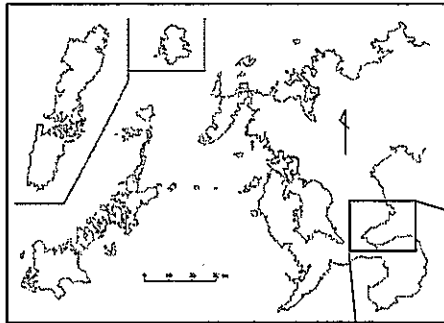
| 観測時期          | H26.8.28    | 有害種     |              |                |              |       |            |             |
|---------------|-------------|---------|--------------|----------------|--------------|-------|------------|-------------|
| 定点            | 観測水深<br>(m) | シャットネラ属 | ケラチウム<br>フルカ | アカシオ<br>サンガイネア | ゴニオラックス<br>属 | 珪藻類   | 水温<br>(°C) | 塩分<br>(psu) |
| B3            | 0.5         | 0       | 380          | 50             | 20           | 1,930 | 27.0       | 24.4        |
|               | 5           | 0       | 40           | 60             | 10           | 1,290 | 26.8       | 26.2        |
|               | B-1         | 0       | 14           | 14             | 2            | 1,010 | 26.3       | 29.0        |
| B4            | 0.5         | 0       | 50           | 150            | 3            | 1,920 | 27.4       | 23.6        |
|               | 5           | 0       | 12           | 90             | 20           | 1,060 | 27.1       | 24.7        |
|               | B-1         | 0       | 16           | 8              | 10           | 1,100 | 25.8       | 29.1        |
| B5            | 0.5         | 0       | 42           | 10             | 4            | 1,860 | 26.4       | 27.2        |
|               | 5           | 0       | 14           | 2              | 1            | 780   | 26.4       | 27.4        |
|               | B-1         | 0       | 18           | 4              | 6            | 800   | 25.1       | 30.7        |
| S1            | 0.5         | 0       | 80           | 2              | 2            | 1,040 | 27.7       | 21.0        |
|               | 2.5         | 0       | 44           | 2              | 2            | 580   | 27.7       | 22.1        |
|               | B-1         | 0       | 21           | 0              | 0            | 830   | 27.7       | 22.5        |
| S6            | 0.5         | 0       | 2,250        | 2              | 2            | 600   | 27.1       | 16.7        |
|               | 2.5         | 0       | 800          | 0              | 10           | 190   | 27.7       | 22.5        |
|               | B-1         | 0       | 130          | 0              | 10           | 600   | 27.5       | 22.9        |
| ①<br>小長井港     | 0.5         | 0       | 12           | 1              | 3            | 1,080 | 27.4       | 22.3        |
|               | 2.5         | 0       | 0            | 0              | 1            | 1,480 | 27.5       | 22.9        |
|               | B-1         | 0       | 0            | 0              | 0            | 990   | 27.5       | 24.2        |
| ②<br>西郷<br>港前 | 0.5         | 0       | 20           | 46             | 12           | 310   | 27.4       | 23.6        |
|               | 2.5         | 0       | 80           | 68             | 10           | 580   | 27.2       | 24.8        |
|               | B-1         | 0       | 6            | 2              | 12           | 1,090 | 25.5       | 29.8        |

\*プランクトン細胞数はcells/mL

## 赤潮発生状況速報

|                    |   |        |  |
|--------------------|---|--------|--|
| 1.発見日時             | 平成26年9月11日                                    | 6.漁業被害 | なし   |
| 2.発生海域名            | 九州西部 有明海<br>諫早湾                               | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 諫早湾奥部に着色域あり                                   |        |  |
| 4.水色<br>(1～108番)   | くらいき(33)                                      |        |  |
| 5.優占種              | <i>Chattonella</i> spp.<br>最高細胞数 117 cells/mL |        |  |

8.参考図 9月11日現在 ※調査結果は別紙参照



備考 調査者:長崎県総合水産試験場

## 調査結果

| 観測時期          | H26.9.11    | 有害種     |                      |                |       |            |             |           |
|---------------|-------------|---------|----------------------|----------------|-------|------------|-------------|-----------|
| 定点            | 観測水深<br>(m) | シャットネラ属 | ギロディニウム<br>インストリアータム | アカシオ<br>サンゲイネア | 珪藻類   | 水温<br>(°C) | 塩分<br>(psu) | DO<br>(%) |
| ③             | 表層          | 117     | 2                    | 24             | 3,120 |            |             |           |
| B3            | 0.5         | 2       | 0                    | 0              | 2,120 | 26.1       | 27.3        | 136       |
|               | 5           | 2       | 0                    | 0              | 1,320 | 26.0       | 28.6        | 114       |
|               | B-1         | 2       | 0                    | 0              | 2,190 | 25.6       | 23.3        | 46        |
| B4            | 0.5         | 31      | 0                    | 2              | 1,590 | 25.9       | 28.4        | 122       |
|               | 5           | 4       | 1                    | 0              | 1,080 | 25.7       | 29.7        | 82        |
|               | B-1         | 2       | 0                    | 1              | 580   | 25.6       | 29.9        | 65        |
| B5            | 0.5         | 2       | 0                    | 0              | 1,820 | 25.9       | 29.0        | 115       |
|               | 5           | 7       | 0                    | 0              | 1,480 | 25.6       | 29.5        | 97        |
|               | B-1         | 0       | 0                    | 0              | 1,510 | 25.5       | 30.5        | 73        |
| S1            | 0.5         | 22      | 20                   | 11             | 3,200 | 26.2       | 25.2        | 112       |
|               | 2.5         | 12      | 62                   | 28             | 2,080 | 26.1       | 26.3        | 108       |
|               | B-1         | 6       | 42                   | 3              | 2,340 | 25.9       | 28.2        | 45        |
| S6            | 0.5         | 77      | 5                    | 15             | 3,060 | 26.5       | 24.5        | 140       |
|               | 2.5         | 19      | 3                    | 8              | 3,000 | 26.4       | 24.6        | 140       |
|               | B-1         | 18      | 4                    | 11             | 1,960 | 25.8       | 25.6        | 129       |
| ①<br>小長井<br>港 | 0.5         | 3       | 32                   | 2              | 890   | 25.9       | 27.8        | 66        |
|               | 2.5         | 4       | 40                   | 4              | 1,150 | 25.9       | 28.3        | 69        |
|               | B-1         | 0       | 11                   | 1              | 1,280 | 25.9       | 28.7        | 54        |
| ②<br>西郷<br>港前 | 0.5         | 25      | 4                    | 28             | 1,800 | 26.6       | 24.5        | 135       |
|               | 2.5         | 11      | 0                    | 1              | 2,140 | 25.7       | 29.6        | 72        |
|               | B-1         | 9       | 0                    | 1              | 1,200 | 25.7       | 29.6        | 65        |

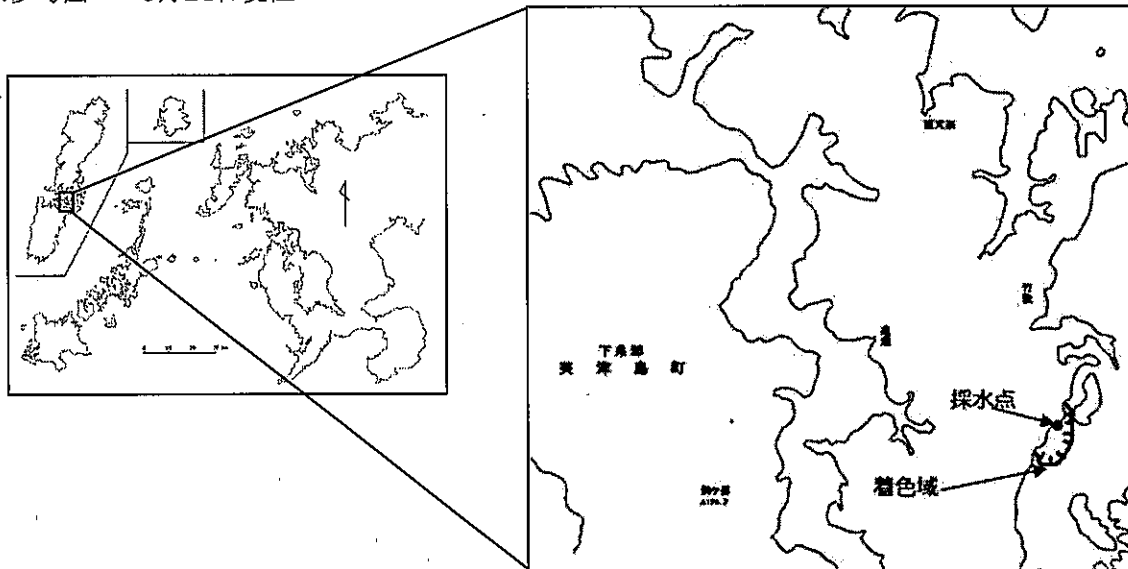
\*フランクton細胞数はcells/mL



## 赤潮発生状況速報

|                    |  |        |  |
|--------------------|--|--------|--|
| 1.発見日時             | 平成 26年 9月 24日  | 6.漁業被害 | なし   |
| 2.発生海域名            | 離島 対馬<br>浅茅湾 竹敷地先  | 7.その他  | 発信元 長崎県総合水産試験場<br>通報先<br>長崎県各水産業普及指導センター<br>水産庁漁場資源課<br>水産庁九州漁業調整事務所<br>西海区水産研究所<br>瀬戸内海区水産研究所<br>山口県水産研究センター 内海研究部<br>" 外海研究部<br>福岡県水産海洋技術センター<br>" 有明海研究所<br>" 豊前海研究所<br>佐賀県玄海水産振興センター<br>有明水産振興センター<br>熊本県水産研究センター<br>大分県農林水産研究センター<br>" 水産研究部<br>" 水産研究部浅海・内水面グループ<br>宮崎県水産試験場<br>鹿児島県水産技術開発センター |
| 3.発生状況<br>(規模、形状等) | 不明   |        |  |
| 4.水色<br>(1~108番)   | 不明   |        |  |
| 5.優占種              | <i>Prorocentrum dentatum</i><br><br>最高細胞数 36,100cells/mL |        |  |

8.参考図 9月24日現在

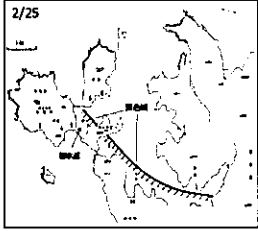
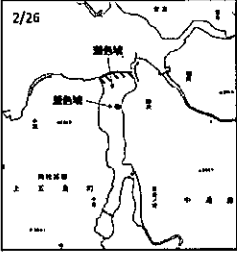
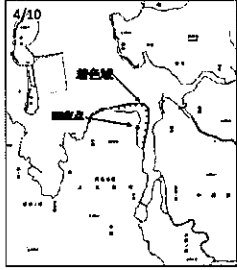
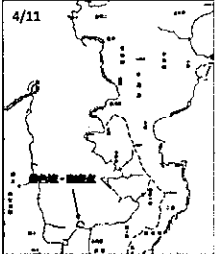
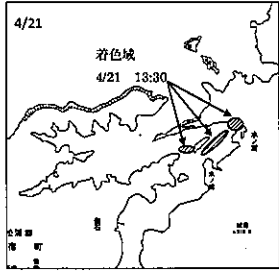
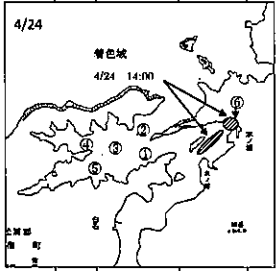



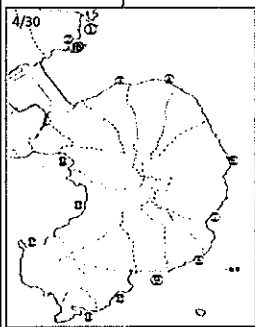
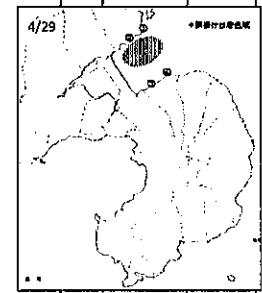
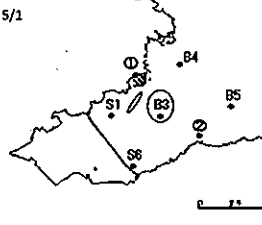
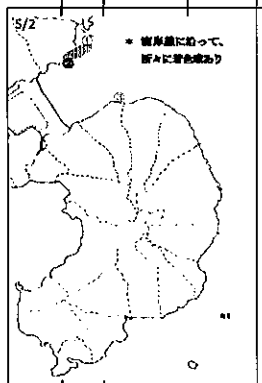
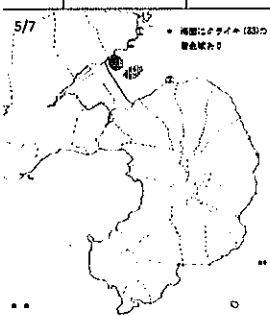
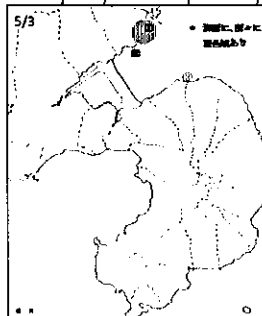
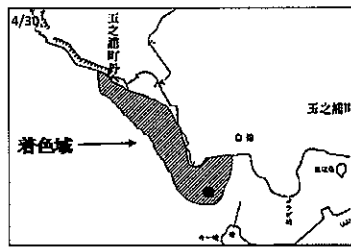
備考 調査者：長崎県 対馬水産業普及指導センター

平成26年の赤潮発生状況

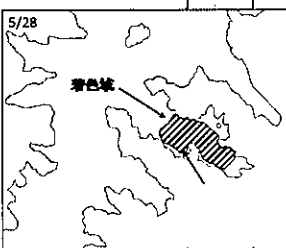
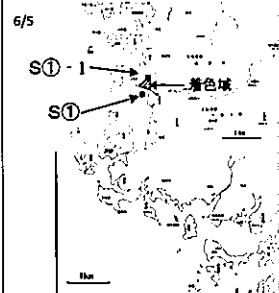

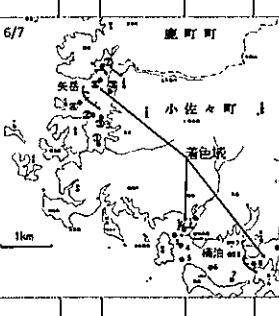
別紙1

長崎県

| 発症番号 | 発生時期                         | 発生海域                           | 赤潮構成種名                       | 発生状況及び発達状況  | 最大面積 | 発生水深 | 最高細胞数 (cells/ml)                      | 漁業被害の有無 | 水色 |
|------|------------------------------|--------------------------------|------------------------------|---|------|------|---------------------------------------|---------|----|
| NS-1 | 2月25日<br>～<br>2月28日<br>(4日間) | 隼島<br>五島<br>新上五島町<br>日島～関伏地先   | <i>Myrionecta rubra</i>      | 2月25日 新上五島町日島～関伏地先でパッチ状の着色域を確認。<br>最高細胞数 2,700cells/mL<br>2月28日 着色域確認されず終息。<br>   | 不明   | 表層   | <i>Myrionecta rubra</i><br>2,700      | 無       | 6  |
| NS-2 | 2月26日<br>～<br>2月28日<br>(3日間) | 隼島<br>五島<br>新上五島町<br>跡次地先      | <i>Myrionecta rubra</i>      | 2月26日 新上五島町跡次地先でパッチ状の着色域を確認。<br>最高細胞数 1,300cells/mL<br>2月28日 着色域確認されず終息。<br>  | 不明   | 表層   | <i>Myrionecta rubra</i><br>1,300      | 無       | 15 |
| NS-3 | 4月10日<br>～<br>4月11日<br>(4日間) | 隼島<br>五島<br>新上五島町<br>今里地先      | <i>Noctiluca scintillans</i> | 4月10日 新上五島町今里地先で海岸線に沿って帯状の着色域を確認。<br>最高細胞数 108cells/mL<br>4月11日 着色域確認されず終息。<br>  | 不明   | 表層   | <i>Noctiluca scintillans</i><br>108   | 無       | 2  |
| NS-4 | 4月11日<br>～<br>4月12日<br>(3日間) | 隼島<br>五島<br>新上五島町<br>奈摩湾       | <i>Noctiluca scintillans</i> | 4月11日 新上五島町奈摩湾で海岸線に沿って帯状の着色域を確認。<br>最高細胞数 160cells/mL<br>4月12日 着色域確認されず終息。<br>  | 不明   | 表層   | <i>Noctiluca scintillans</i><br>160   | 無       | 2  |
| NS-5 | 4月21日<br>～<br>5月7日<br>(17日間) | 隼島<br>五島<br>五島市<br>岐宿町<br>水之浦湾 | <i>Heterosigma akashiwo</i>  | 4月21日 五島市岐宿町水之浦湾で着色域を確認。<br>最高細胞数 20,000cells/mL<br>4月24日 最高細胞数 20,000cells/mL<br>5月7日 着色域確認されず終息。<br><br> | 不明   | 表層   | <i>Heterosigma akashiwo</i><br>20,000 | 無       | 24 |
| NS-6 | 4月25日<br>～<br>5月7日<br>(13日間) | 隼島<br>五島<br>五島市<br>富江町<br>富江湾  | <i>Noctiluca scintillans</i> | 4月25日 五島市富江町富江湾で海岸線に沿って帯状の着色域を確認。<br>最高細胞数 340cells/mL<br>5月7日 着色域確認されず終息。<br>  | 不明   | 表層   | <i>Noctiluca scintillans</i><br>340   | 無       | 2  |

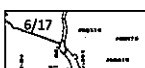
| 整理番号     | 発生時期                          | 発生海域                       | 赤潮構成種名                       | 発生状況及び発進状況  | 最大面積     | 発生水深    | 最高細胞数 (cells/ml)                    | 漁業被害の有無                      | 水色     |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|----------|-------------------------------|----------------------------|------------------------------|---|----------|---------|-------------------------------------|------------------------------|--------|------|------|-------|--------|------|------|--------|------|------|----|---|------|----|------|---|-----|---------|----------|------------------------------|--------|------|------|-----|--------|------|------|-------|------|------|------|----|-------|------|------|---|-------|------|------|---|----------|------|------|---|-------|------|------|---|------|------|------|---|------|------|------|---|--------|------|----|---|-------|------|------|---|-------|------|------|---|------|------|----|---|--------|------|------|---|----|----------|----------------|-----|---------|----------|----|-----|-------|-----|------|-------|---|-----|----|------|-------|----------|----|----|------|------|----|-----|-------|-----|------|-------|---|-----|----|------|-------|----------|----|----|------|-------|----|-----|---|----|----|-------|---|---|----|------|-------|-----------|---|----|------|-------|----|-----|----|----|------|-------|----------|----|----|------|------|----|-----|---|----|------|-------|----------|---|----|------|-------|---|-----|--------|----|------|-------|----------|-------|----|------|-------|---|-----|----|----|------|-------|-----|-----|----|----|-------|----------|-----|----|------|-------|-----|---------|----------|----------------|--------|------|------|--------|--------|------|------|-------|------|------|------|----|-----|---------|----------|----------------|--------|------|------|--------|--------|------|------|-------|------|------|------|-----|-----|---------|----------|----------------|--------|------|----|-----|--------|------|------|-------|------|------|------|-----|----|----|---------------------------------------|---|----------------|
| NS-7     | 4月29日<br>～<br>5月20日<br>(22日間) | 九州西部<br>有明海<br>諫早湾         | <i>Heterosigma akashiwo</i>  | <p>4月29日 諫早湾小長井地先で着色域を確認。<br/>調査結果</p> <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>ヘテロシグマ<br/>アカシオ<br/>(cells/ml)</th> </tr> </thead> <tbody> <tr> <td>①小長井町港</td> <td>16.6</td> <td>30.1</td> <td>1,300</td> </tr> <tr> <td>②小長井中央</td> <td>16.9</td> <td>23.7</td> <td>14,300</td> </tr> <tr> <td>③大正港</td> <td>17.8</td> <td>30</td> <td>0</td> </tr> <tr> <td>④西郷港</td> <td>17</td> <td>31.1</td> <td>0</td> </tr> </tbody> </table> <p>4月30日 調査結果</p> <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>ヘテロシグマ<br/>アカシオ<br/>(cells/ml)</th> </tr> </thead> <tbody> <tr> <td>①小長井町港</td> <td>17.1</td> <td>31.5</td> <td>700</td> </tr> <tr> <td>②小長井中央</td> <td>17.6</td> <td>28.1</td> <td>9,125</td> </tr> <tr> <td>③西郷港</td> <td>17.4</td> <td>31.2</td> <td>33</td> </tr> <tr> <td>④多比良港</td> <td>18.9</td> <td>31.1</td> <td>0</td> </tr> <tr> <td>⑤浦江漁港</td> <td>18.6</td> <td>31.7</td> <td>0</td> </tr> <tr> <td>⑥鳥原港(瀬新)</td> <td>16.5</td> <td>32.6</td> <td>0</td> </tr> <tr> <td>⑦深江漁港</td> <td>16.6</td> <td>31.8</td> <td>0</td> </tr> <tr> <td>⑧堂崎港</td> <td>16.9</td> <td>32.6</td> <td>0</td> </tr> <tr> <td>⑨須川港</td> <td>18.9</td> <td>32.7</td> <td>0</td> </tr> <tr> <td>⑩糟谷尾漁港</td> <td>17.2</td> <td>33</td> <td>2</td> </tr> <tr> <td>⑪口之津港</td> <td>17.2</td> <td>33.4</td> <td>0</td> </tr> <tr> <td>⑫京泊漁港</td> <td>17.3</td> <td>33.8</td> <td>0</td> </tr> <tr> <td>⑬小浜港</td> <td>17.9</td> <td>33</td> <td>0</td> </tr> <tr> <td>⑭千々石漁港</td> <td>18.3</td> <td>33.1</td> <td>0</td> </tr> </tbody> </table> <p>5月1日 諫早湾尖～北部にかけて着色域を確認。<br/>調査結果</p> <p>*フランクton細胞数はcells/mL</p> <table border="1"> <thead> <tr> <th>定点</th> <th>観測水深 (m)</th> <th>ヘテロシグマ<br/>アカシオ</th> <th>珪藻類</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">B3</td> <td>0.5</td> <td>2,700</td> <td>158</td> <td>17.4</td> <td>31.43</td> </tr> <tr> <td>5</td> <td>970</td> <td>78</td> <td>16.9</td> <td>31.48</td> </tr> <tr> <td>B-1(9.0)</td> <td>52</td> <td>71</td> <td>16.8</td> <td>31.5</td> </tr> <tr> <td rowspan="3">B4</td> <td>0.5</td> <td>1,480</td> <td>132</td> <td>17.5</td> <td>31.41</td> </tr> <tr> <td>5</td> <td>100</td> <td>72</td> <td>16.8</td> <td>31.63</td> </tr> <tr> <td>B-1(9.6)</td> <td>70</td> <td>58</td> <td>16.8</td> <td>31.83</td> </tr> <tr> <td rowspan="3">B5</td> <td>0.5</td> <td>6</td> <td>28</td> <td>17</td> <td>31.81</td> </tr> <tr> <td>5</td> <td>2</td> <td>44</td> <td>16.7</td> <td>31.85</td> </tr> <tr> <td>B-1(14.1)</td> <td>0</td> <td>26</td> <td>16.7</td> <td>31.87</td> </tr> <tr> <td rowspan="2">S1</td> <td>0.5</td> <td>40</td> <td>35</td> <td>17.4</td> <td>31.15</td> </tr> <tr> <td>B-1(4.0)</td> <td>15</td> <td>90</td> <td>17.1</td> <td>31.2</td> </tr> <tr> <td rowspan="2">S6</td> <td>0.5</td> <td>6</td> <td>60</td> <td>17.5</td> <td>31.17</td> </tr> <tr> <td>B-1(3.7)</td> <td>2</td> <td>56</td> <td>17.1</td> <td>31.17</td> </tr> <tr> <td rowspan="2">①</td> <td>0.5</td> <td>24,300</td> <td>78</td> <td>18.1</td> <td>30.45</td> </tr> <tr> <td>B-1(3.3)</td> <td>7,200</td> <td>72</td> <td>17.1</td> <td>31.23</td> </tr> <tr> <td rowspan="3">②</td> <td>0.5</td> <td>60</td> <td>30</td> <td>17.5</td> <td>31.37</td> </tr> <tr> <td>2.5</td> <td>100</td> <td>10</td> <td>17</td> <td>31.37</td> </tr> <tr> <td>B-1(6.2)</td> <td>110</td> <td>50</td> <td>16.9</td> <td>31.41</td> </tr> </tbody> </table> <p>5月2日 調査結果</p> <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>細胞数 (cells/ml)</th> </tr> </thead> <tbody> <tr> <td>①小長井町港</td> <td>19.7</td> <td>30.6</td> <td>30,950</td> </tr> <tr> <td>②小長井中央</td> <td>18.3</td> <td>31.8</td> <td>3,200</td> </tr> <tr> <td>③西郷港</td> <td>17.8</td> <td>30.8</td> <td>25</td> </tr> </tbody> </table> <p>5月3日 調査結果</p> <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>細胞数 (cells/mL)</th> </tr> </thead> <tbody> <tr> <td>①小長井町港</td> <td>18.3</td> <td>30.1</td> <td>11,000</td> </tr> <tr> <td>②小長井中央</td> <td>18.8</td> <td>31.1</td> <td>5,600</td> </tr> <tr> <td>③西郷港</td> <td>18.7</td> <td>30.5</td> <td>400</td> </tr> </tbody> </table> <p>5月7日 調査結果</p> <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>細胞数 (cells/mL)</th> </tr> </thead> <tbody> <tr> <td>①小長井町港</td> <td>18.5</td> <td>32</td> <td>983</td> </tr> <tr> <td>②小長井中央</td> <td>18.9</td> <td>31.8</td> <td>1,383</td> </tr> <tr> <td>③西郷港</td> <td>17.8</td> <td>31.8</td> <td>167</td> </tr> </tbody> </table> <p>5月9日 最高細胞数 116cells/mL<br/>5月20日 着色域確認されず終息。</p>       | 調査点      | 水温 (°C) | 塩分 (psu)                            | ヘテロシグマ<br>アカシオ<br>(cells/ml) | ①小長井町港 | 16.6 | 30.1 | 1,300 | ②小長井中央 | 16.9 | 23.7 | 14,300 | ③大正港 | 17.8 | 30 | 0 | ④西郷港 | 17 | 31.1 | 0 | 調査点 | 水温 (°C) | 塩分 (psu) | ヘテロシグマ<br>アカシオ<br>(cells/ml) | ①小長井町港 | 17.1 | 31.5 | 700 | ②小長井中央 | 17.6 | 28.1 | 9,125 | ③西郷港 | 17.4 | 31.2 | 33 | ④多比良港 | 18.9 | 31.1 | 0 | ⑤浦江漁港 | 18.6 | 31.7 | 0 | ⑥鳥原港(瀬新) | 16.5 | 32.6 | 0 | ⑦深江漁港 | 16.6 | 31.8 | 0 | ⑧堂崎港 | 16.9 | 32.6 | 0 | ⑨須川港 | 18.9 | 32.7 | 0 | ⑩糟谷尾漁港 | 17.2 | 33 | 2 | ⑪口之津港 | 17.2 | 33.4 | 0 | ⑫京泊漁港 | 17.3 | 33.8 | 0 | ⑬小浜港 | 17.9 | 33 | 0 | ⑭千々石漁港 | 18.3 | 33.1 | 0 | 定点 | 観測水深 (m) | ヘテロシグマ<br>アカシオ | 珪藻類 | 水温 (°C) | 塩分 (psu) | B3 | 0.5 | 2,700 | 158 | 17.4 | 31.43 | 5 | 970 | 78 | 16.9 | 31.48 | B-1(9.0) | 52 | 71 | 16.8 | 31.5 | B4 | 0.5 | 1,480 | 132 | 17.5 | 31.41 | 5 | 100 | 72 | 16.8 | 31.63 | B-1(9.6) | 70 | 58 | 16.8 | 31.83 | B5 | 0.5 | 6 | 28 | 17 | 31.81 | 5 | 2 | 44 | 16.7 | 31.85 | B-1(14.1) | 0 | 26 | 16.7 | 31.87 | S1 | 0.5 | 40 | 35 | 17.4 | 31.15 | B-1(4.0) | 15 | 90 | 17.1 | 31.2 | S6 | 0.5 | 6 | 60 | 17.5 | 31.17 | B-1(3.7) | 2 | 56 | 17.1 | 31.17 | ① | 0.5 | 24,300 | 78 | 18.1 | 30.45 | B-1(3.3) | 7,200 | 72 | 17.1 | 31.23 | ② | 0.5 | 60 | 30 | 17.5 | 31.37 | 2.5 | 100 | 10 | 17 | 31.37 | B-1(6.2) | 110 | 50 | 16.9 | 31.41 | 調査点 | 水温 (°C) | 塩分 (psu) | 細胞数 (cells/ml) | ①小長井町港 | 19.7 | 30.6 | 30,950 | ②小長井中央 | 18.3 | 31.8 | 3,200 | ③西郷港 | 17.8 | 30.8 | 25 | 調査点 | 水温 (°C) | 塩分 (psu) | 細胞数 (cells/mL) | ①小長井町港 | 18.3 | 30.1 | 11,000 | ②小長井中央 | 18.8 | 31.1 | 5,600 | ③西郷港 | 18.7 | 30.5 | 400 | 調査点 | 水温 (°C) | 塩分 (psu) | 細胞数 (cells/mL) | ①小長井町港 | 18.5 | 32 | 983 | ②小長井中央 | 18.9 | 31.8 | 1,383 | ③西郷港 | 17.8 | 31.8 | 167 | 不明 | 表層 | <i>Heterosigma akashiwo</i><br>30,950 | 有 | 24<br>33<br>42 |
| 調査点      | 水温 (°C)                       | 塩分 (psu)                   | ヘテロシグマ<br>アカシオ<br>(cells/ml) |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ①小長井町港   | 16.6                          | 30.1                       | 1,300                        |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ②小長井中央   | 16.9                          | 23.7                       | 14,300                       |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ③大正港     | 17.8                          | 30                         | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ④西郷港     | 17                            | 31.1                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| 調査点      | 水温 (°C)                       | 塩分 (psu)                   | ヘテロシグマ<br>アカシオ<br>(cells/ml) |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ①小長井町港   | 17.1                          | 31.5                       | 700                          |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ②小長井中央   | 17.6                          | 28.1                       | 9,125                        |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ③西郷港     | 17.4                          | 31.2                       | 33                           |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ④多比良港    | 18.9                          | 31.1                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑤浦江漁港    | 18.6                          | 31.7                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑥鳥原港(瀬新) | 16.5                          | 32.6                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑦深江漁港    | 16.6                          | 31.8                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑧堂崎港     | 16.9                          | 32.6                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑨須川港     | 18.9                          | 32.7                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑩糟谷尾漁港   | 17.2                          | 33                         | 2                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑪口之津港    | 17.2                          | 33.4                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑫京泊漁港    | 17.3                          | 33.8                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑬小浜港     | 17.9                          | 33                         | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ⑭千々石漁港   | 18.3                          | 33.1                       | 0                            |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| 定点       | 観測水深 (m)                      | ヘテロシグマ<br>アカシオ             | 珪藻類                          | 水温 (°C)   | 塩分 (psu) |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| B3       | 0.5                           | 2,700                      | 158                          | 17.4  | 31.43    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | 5                             | 970                        | 78                           | 16.9  | 31.48    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(9.0)                      | 52                         | 71                           | 16.8  | 31.5     |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| B4       | 0.5                           | 1,480                      | 132                          | 17.5  | 31.41    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | 5                             | 100                        | 72                           | 16.8  | 31.63    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(9.6)                      | 70                         | 58                           | 16.8  | 31.83    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| B5       | 0.5                           | 6                          | 28                           | 17  | 31.81    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | 5                             | 2                          | 44                           | 16.7  | 31.85    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(14.1)                     | 0                          | 26                           | 16.7  | 31.87    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| S1       | 0.5                           | 40                         | 35                           | 17.4  | 31.15    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(4.0)                      | 15                         | 90                           | 17.1  | 31.2     |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| S6       | 0.5                           | 6                          | 60                           | 17.5  | 31.17    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(3.7)                      | 2                          | 56                           | 17.1  | 31.17    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ①        | 0.5                           | 24,300                     | 78                           | 18.1  | 30.45    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(3.3)                      | 7,200                      | 72                           | 17.1  | 31.23    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ②        | 0.5                           | 60                         | 30                           | 17.5  | 31.37    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | 2.5                           | 100                        | 10                           | 17  | 31.37    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
|          | B-1(6.2)                      | 110                        | 50                           | 16.9  | 31.41    |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| 調査点      | 水温 (°C)                       | 塩分 (psu)                   | 細胞数 (cells/ml)               |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ①小長井町港   | 19.7                          | 30.6                       | 30,950                       |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ②小長井中央   | 18.3                          | 31.8                       | 3,200                        |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ③西郷港     | 17.8                          | 30.8                       | 25                           |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| 調査点      | 水温 (°C)                       | 塩分 (psu)                   | 細胞数 (cells/mL)               |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ①小長井町港   | 18.3                          | 30.1                       | 11,000                       |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ②小長井中央   | 18.8                          | 31.1                       | 5,600                        |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ③西郷港     | 18.7                          | 30.5                       | 400                          |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| 調査点      | 水温 (°C)                       | 塩分 (psu)                   | 細胞数 (cells/mL)               |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ①小長井町港   | 18.5                          | 32                         | 983                          |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ②小長井中央   | 18.9                          | 31.8                       | 1,383                        |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| ③西郷港     | 17.8                          | 31.8                       | 167                          |   |          |         |                                     |                              |        |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| NS-8     | 4月30日<br>～<br>5月15日<br>(16日間) | 鹿児島<br>五島市<br>玉之浦町<br>玉之浦湾 | <i>Noctiluca scintillans</i> | <p>4月30日 五島市玉之浦町玉之浦湾で海岸線に沿って帯状の着色域を確認。<br/>最高細胞数 368cells/mL<br/>5月15日 着色域確認されず終息。</p>    | 不明       | 表層      | <i>Noctiluca scintillans</i><br>368 | 無                            | 4      |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |
| NS-9     | 5月10日<br>～                    | 鹿児島<br>五島                  | <i>Dictyochoa</i><br>spp.    | 5月10日 新上五島町漁生浦地先で発生を確認。<br>調査結果   | 不明       | 表層      | <i>Dictyochoa</i><br>spp.           | 有                            | 59     |      |      |       |        |      |      |        |      |      |    |   |      |    |      |   |     |         |          |                              |        |      |      |     |        |      |      |       |      |      |      |    |       |      |      |   |       |      |      |   |          |      |      |   |       |      |      |   |      |      |      |   |      |      |      |   |        |      |    |   |       |      |      |   |       |      |      |   |      |      |    |   |        |      |      |   |    |          |                |     |         |          |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |      |    |     |       |     |      |       |   |     |    |      |       |          |    |    |      |       |    |     |   |    |    |       |   |   |    |      |       |           |   |    |      |       |    |     |    |    |      |       |          |    |    |      |      |    |     |   |    |      |       |          |   |    |      |       |   |     |        |    |      |       |          |       |    |      |       |   |     |    |    |      |       |     |     |    |    |       |          |     |    |      |       |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |    |     |         |          |                |        |      |      |        |        |      |      |       |      |      |      |     |     |         |          |                |        |      |    |     |        |      |      |       |      |      |      |     |    |    |                                       |   |                |

| 整理番号  | 発生時期                      | 発生海域                    | 赤潮構成種名                      | 発生状況及び発達状況  | 最大面積                     | 発生水深                        | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色                        |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
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|       | 5月15日<br>(6日間)            | 新上五島町<br>月ノ浦～漁生浦地先      |                             | <table border="1"> <tr><th>水深(m)</th><th>細胞数(cells/ml)</th></tr> <tr><td>0</td><td>27</td></tr> <tr><td>5</td><td>32</td></tr> <tr><td>10</td><td>45</td></tr> </table> <p>5月11日 調査結果</p> <table border="1"> <tr><th rowspan="2">水深(m)</th><th colspan="3">細胞数(cells/ml)</th></tr> <tr><th>①</th><th>②</th><th>③</th></tr> <tr><td>0</td><td>82</td><td>38</td><td>56</td></tr> <tr><td>5</td><td>162</td><td>37</td><td>45</td></tr> <tr><td>10</td><td>69</td><td>45</td><td>52</td></tr> </table> <p>5月12日 調査結果</p> <table border="1"> <tr><th rowspan="2">水深(m)</th><th colspan="3">細胞数(cells/ml)</th></tr> <tr><th>①</th><th>②</th><th>③</th></tr> <tr><td>0</td><td>107</td><td>50</td><td>38</td></tr> <tr><td>5</td><td>80</td><td>43</td><td>53</td></tr> <tr><td>10</td><td>89</td><td>24</td><td>19</td></tr> </table> <p>6月13日 調査結果</p> <table border="1"> <tr><th rowspan="2">水深(m)</th><th colspan="3">細胞数(cells/ml)</th></tr> <tr><th>①</th><th>②</th><th>③</th></tr> <tr><td>0</td><td>9</td><td>14</td><td>6</td></tr> <tr><td>5</td><td>30</td><td>10</td><td>20</td></tr> <tr><td>10</td><td>11</td><td>7</td><td>22</td></tr> </table> <p>5月14日 調査結果</p> <table border="1"> <tr><th rowspan="2">水深(m)</th><th colspan="3">細胞数(cells/ml)</th></tr> <tr><th>①</th><th>②</th><th>③</th></tr> <tr><td>0</td><td>6</td><td>10</td><td></td></tr> <tr><td>5</td><td>12</td><td>14</td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td></tr> </table> <p>空欄は採水なし</p> <p>5月15日 調査結果</p> <table border="1"> <tr><th rowspan="2">水深(m)</th><th colspan="3">細胞数(cells/ml)</th></tr> <tr><th>①</th><th>②</th><th>③</th></tr> <tr><td>0</td><td>10</td><td>4</td><td>1</td></tr> <tr><td>5</td><td>5</td><td>6</td><td>2</td></tr> <tr><td>10</td><td></td><td></td><td></td></tr> </table> <p>空欄は採水なし</p> <p>着色域確認されず終息。</p>   | 水深(m)                    | 細胞数(cells/ml)               | 0                | 27      | 5                         | 32                       | 10                          | 45   | 水深(m) | 細胞数(cells/ml) |       |   | ① | ② | ③ | 0 | 82   | 38    | 56 | 5 | 162 | 37   | 45  | 10   | 69    | 45 | 52 | 水深(m) | 細胞数(cells/ml) |   |      | ①     | ② | ③ | 0 | 107  | 50  | 38   | 5     | 80 | 43 | 53 | 10 | 89 | 24   | 19    | 水深(m) | 細胞数(cells/ml) |   |  | ①  | ②    | ③     | 0 | 9 | 14 | 6    | 5   | 30   | 10    | 20    | 10 | 11 | 7 | 22 | 水深(m) | 細胞数(cells/ml) |     |    | ① | ② | ③ | 0    | 6     | 10 |   | 5 | 12   | 14  |      | 10    |       |   |   | 水深(m) | 細胞数(cells/ml) |      |       | ①   | ②  | ③ | 0    | 10  | 4    | 1     | 5   | 5 | 6 | 2   | 10 |      |       |    |   | 10m | 162 |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 水深(m) | 細胞数(cells/ml)             |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 0     | 27                        |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 5     | 32                        |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 10    | 45                        |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 水深(m) | 細胞数(cells/ml)             |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | ①                         | ②                       | ③                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 0     | 82                        | 38                      | 56                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 5     | 162                       | 37                      | 45                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 10    | 69                        | 45                      | 52                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 水深(m) | 細胞数(cells/ml)             |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | ①                         | ②                       | ③                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 0     | 107                       | 50                      | 38                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 5     | 80                        | 43                      | 53                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 10    | 89                        | 24                      | 19                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 水深(m) | 細胞数(cells/ml)             |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | ①                         | ②                       | ③                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 0     | 9                         | 14                      | 6                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 5     | 30                        | 10                      | 20                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 10    | 11                        | 7                       | 22                          |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 水深(m) | 細胞数(cells/ml)             |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | ①                         | ②                       | ③                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 0     | 6                         | 10                      |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 5     | 12                        | 14                      |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 10    |                           |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 水深(m) | 細胞数(cells/ml)             |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | ①                         | ②                       | ③                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 0     | 10                        | 4                       | 1                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 5     | 5                         | 6                       | 2                           |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 10    |                           |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5/11                      |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5/13                      |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5/10                      |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5/12                      |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| NS-10 | 5月27日～<br>6月16日<br>(21日間) | 九州西部<br>大村湾<br><br>佐世保湾 | <i>Heterosigma akashiwo</i> | <p>5月27日 佐世保市佐世保湾の佐世保港奥部で着色域確認。</p> <p>調査結果</p> <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層(m)</th> <th>水温(°C)</th> <th>塩分</th> <th>ヘテロシグマ<br/>アカシオ<br/>(細胞/ml)</th> <th>カレニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンディーカ<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>20.1</td><td>33.44</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>20.0</td><td>33.38</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>20.1</td><td>33.46</td><td>0</td><td>1</td><td>0</td></tr> <tr><td>②</td><td>5</td><td>19.8</td><td>33.93</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>21.1</td><td>33.11</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>④</td><td>5</td><td>20.1</td><td>33.41</td><td>0</td><td>1</td><td>0</td></tr> <tr><td></td><td>10</td><td>19.8</td><td>33.58</td><td>0</td><td>5</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>20.6</td><td>33.19</td><td>1,850</td><td>8</td><td>0</td></tr> <tr><td>⑥</td><td>3</td><td>20.3</td><td>33.32</td><td>120</td><td>58</td><td>2</td></tr> <tr><td></td><td>5</td><td>20.2</td><td>33.38</td><td>40</td><td>8</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>21.0</td><td>32.59</td><td>2,500</td><td>2</td><td>0</td></tr> <tr><td>⑥-1</td><td>5</td><td>20.3</td><td>33.30</td><td>180</td><td>16</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>20.7</td><td>32.44</td><td>150</td><td>0</td><td>0</td></tr> <tr><td>⑥-2</td><td>3</td><td>20.6</td><td>33.11</td><td>70</td><td>3</td><td>0</td></tr> <tr><td></td><td>5</td><td>20.1</td><td>33.38</td><td>70</td><td>5</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>20.6</td><td>32.98</td><td>240</td><td>0</td><td>0</td></tr> <tr><td>⑦</td><td>5</td><td>20.0</td><td>33.44</td><td>50</td><td>0</td><td>0</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>21.3</td><td>33.90</td><td>3</td><td>0</td><td>0</td></tr> <tr><td>⑧</td><td>5</td><td>20.7</td><td>34.01</td><td>0</td><td>0</td><td>0</td></tr> <tr><td></td><td>7</td><td>20.2</td><td>34.04</td><td>0</td><td>6</td><td>0</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>21.5</td><td>33.92</td><td>1</td><td>0</td><td>0</td></tr> <tr><td>⑦-1</td><td>5</td><td>20.3</td><td>34.04</td><td>22</td><td>2</td><td>0</td></tr> <tr><td></td><td>7</td><td>20.1</td><td>34.05</td><td>8</td><td>32</td><td>0</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>21.8</td><td>33.88</td><td>2</td><td>0</td><td>0</td></tr> <tr><td>⑦</td><td>5</td><td>20.3</td><td>34.04</td><td>24</td><td>8</td><td>0</td></tr> </tbody> </table> <p>6月4日 調査結果</p> <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層(m)</th> <th>水温(°C)</th> <th>塩分</th> <th>ヘテロシグマ<br/>アカシオ<br/>(細胞/ml)</th> <th>カレニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンディーカ<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>21.0</td><td>33.51</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>20.9</td><td>33.47</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>21.0</td><td>33.54</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>④</td><td>5</td><td>20.8</td><td>33.82</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>21.2</td><td>33.18</td><td>2,280</td><td>7</td><td>0</td></tr> <tr><td>⑥</td><td>5</td><td>20.9</td><td>33.38</td><td>210</td><td>7</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>21.2</td><td>32.68</td><td>4,340</td><td>18</td><td>0</td></tr> <tr><td>⑥-1</td><td>5</td><td>20.8</td><td>33.21</td><td>600</td><td>27</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>21.3</td><td>32.95</td><td>9,700</td><td>11</td><td>0</td></tr> <tr><td>⑥-2</td><td>5</td><td></td><td></td><td>450</td><td>20</td><td>0</td></tr> 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         | 33.44 | 0 | 0 | 0 | ① | 5 | 20.0 | 33.38 | 0  | 0 | 0   | 佐世保湾 | 0.5 | 20.1 | 33.46 | 0  | 1  | 0     | ②             | 5 | 19.8 | 33.93 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 21.1 | 33.11 | 1  | 0  | 0  | ④  | 5  | 20.1 | 33.41 | 0     | 1             | 0 |  | 10 | 19.8 | 33.58 | 0 | 5 | 0  | 佐世保湾 | 0.5 | 20.6 | 33.19 | 1,850 | 8  | 0  | ⑥ | 3  | 20.3  | 33.32         | 120 | 58 | 2 |   | 5 | 20.2 | 33.38 | 40 | 8 | 0 | 佐世保湾 | 0.5 | 21.0 | 32.59 | 2,500 | 2 | 0 | ⑥-1   | 5             | 20.3 | 33.30 | 180 | 16 | 0 | 佐世保湾 | 0.5 | 20.7 | 32.44 | 150 | 0 | 0 | ⑥-2 | 3  | 20.6 | 33.11 | 70 | 3 | 0   |     | 5 | 20.1 | 33.38 | 70 | 5 | 0 | 佐世保湾 | 0.5 | 20.6 | 32.98 | 240 | 0 | 0 | ⑦ | 5 | 20.0 | 33.44 | 50 | 0 | 0 | 南九十九島 | 0.5 | 21.3 | 33.90 | 3 | 0 | 0 | ⑧ | 5 | 20.7 | 34.01 | 0 | 0 | 0 |  | 7 | 20.2 | 34.04 | 0 | 6 | 0 | 南九十九島 | 0.5 | 21.5 | 33.92 | 1 | 0 | 0 | ⑦-1 | 5 | 20.3 | 34.04 | 22 | 2 | 0 |  | 7 | 20.1 | 34.05 | 8 | 32 | 0 | 南九十九島 | 0.5 | 21.8 | 33.88 | 2 | 0 | 0 | ⑦ | 5 | 20.3 | 34.04 | 24 | 8 | 0 | 採水点 | 採水層(m) | 水温(°C) | 塩分 | ヘテロシグマ<br>アカシオ<br>(細胞/ml) | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) | 佐世保湾 | 0.5 | 21.0 | 33.51 | 0 | 0 | 0 | ① | 5 | 20.9 | 33.47 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 21.0 | 33.54 | 0 | 0 | 0 | ④ | 5 | 20.8 | 33.82 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 21.2 | 33.18 | 2,280 | 7 | 0 | ⑥ | 5 | 20.9 | 33.38 | 210 | 7 | 0 | 佐世保湾 | 0.5 | 21.2 | 32.68 | 4,340 | 18 | 0 | ⑥-1 | 5 | 20.8 | 33.21 | 600 | 27 | 0 | 佐世保湾 | 0.5 | 21.3 | 32.95 | 9,700 | 11 | 0 | ⑥-2 | 5 |  |  | 450 | 20 | 0 | 佐世保湾 | 0.5 | 21.2 | 33.33 | 90 | 2 | 0 | ⑦ | 5 | 21.1 | 33.38 | 12 | 0 | 0 | 南九十九島 | 0.5 | 21.5 | 34.06 | 0 | 1 | 0 | ⑧ | 5 | 21.2 | 34.05 | 0 | 14 | 0 | 南九十九島 | 0.5 | 21.3 | 34.05 | 0 | 0 | 0 | ⑦-1 | 5 | 20.9 | 34.06 | 1 | 13 | 0 |  | 7 | 20.7 | 34.07 | 0 | 74 | 0 | 南九十九島 | 0.5 | 21.2 | 34.05 | 0 | 0 | 0 | ⑦ | 4 | 20.8 | 34.08 | 39 | 138 | 0 |  | 5 | 20.7 | 34.08 | 13 | 481 | 0 | 採水点 | 採水層(m) | 水温(°C) | 塩分 | ヘテロシグマ<br>アカシオ<br>(細胞/ml) | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) | 佐世保湾 | 0.5 | 20.9 | 33.74 | 1 | 0 | 0 | ① | 5 | 20.8 | 33.74 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 23.1 | 33.46 | 0 | 0 | 0 | ④ | 5 | 21.3 | 33.85 | 1 | 0 | 0 | 佐世保湾 | 0.5 | 22.3 | 33.54 | 130 | 1 | 0 | ⑥ | 3 | 21.8 | 33.58 | 70 | 6 | 0 |  | 5 | 21.3 | 33.59 | 90 | 5 | 0 | 不明 | 表層<br>～<br>10m | <i>Heterosigma akashiwo</i><br>9,700 | 無 | 27<br>45 |
| 採水点   | 採水層(m)                    | 水温(°C)                  | 塩分                          | ヘテロシグマ<br>アカシオ<br>(細胞/ml)   | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 20.1                    | 33.44                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ①     | 5                         | 20.0                    | 33.38                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 20.1                    | 33.46                       | 0   | 1                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ②     | 5                         | 19.8                    | 33.93                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.1                    | 33.11                       | 1   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ④     | 5                         | 20.1                    | 33.41                       | 0   | 1                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 10                        | 19.8                    | 33.58                       | 0   | 5                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 20.6                    | 33.19                       | 1,850   | 8                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥     | 3                         | 20.3                    | 33.32                       | 120   | 58                       | 2                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5                         | 20.2                    | 33.38                       | 40  | 8                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.0                    | 32.59                       | 2,500   | 2                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥-1   | 5                         | 20.3                    | 33.30                       | 180   | 16                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 20.7                    | 32.44                       | 150   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥-2   | 3                         | 20.6                    | 33.11                       | 70  | 3                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5                         | 20.1                    | 33.38                       | 70  | 5                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 20.6                    | 32.98                       | 240   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑦     | 5                         | 20.0                    | 33.44                       | 50  | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 南九十九島 | 0.5                       | 21.3                    | 33.90                       | 3   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑧     | 5                         | 20.7                    | 34.01                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 7                         | 20.2                    | 34.04                       | 0   | 6                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 南九十九島 | 0.5                       | 21.5                    | 33.92                       | 1   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑦-1   | 5                         | 20.3                    | 34.04                       | 22  | 2                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 7                         | 20.1                    | 34.05                       | 8   | 32                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 南九十九島 | 0.5                       | 21.8                    | 33.88                       | 2   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑦     | 5                         | 20.3                    | 34.04                       | 24  | 8                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 採水点   | 採水層(m)                    | 水温(°C)                  | 塩分                          | ヘテロシグマ<br>アカシオ<br>(細胞/ml)   | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.0                    | 33.51                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ①     | 5                         | 20.9                    | 33.47                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.0                    | 33.54                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ④     | 5                         | 20.8                    | 33.82                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.2                    | 33.18                       | 2,280   | 7                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥     | 5                         | 20.9                    | 33.38                       | 210   | 7                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.2                    | 32.68                       | 4,340   | 18                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥-1   | 5                         | 20.8                    | 33.21                       | 600   | 27                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.3                    | 32.95                       | 9,700   | 11                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥-2   | 5                         |                         |                             | 450   | 20                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 21.2                    | 33.33                       | 90  | 2                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑦     | 5                         | 21.1                    | 33.38                       | 12  | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 南九十九島 | 0.5                       | 21.5                    | 34.06                       | 0   | 1                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑧     | 5                         | 21.2                    | 34.05                       | 0   | 14                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 南九十九島 | 0.5                       | 21.3                    | 34.05                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑦-1   | 5                         | 20.9                    | 34.06                       | 1   | 13                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 7                         | 20.7                    | 34.07                       | 0   | 74                       | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 南九十九島 | 0.5                       | 21.2                    | 34.05                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑦     | 4                         | 20.8                    | 34.08                       | 39  | 138                      | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5                         | 20.7                    | 34.08                       | 13  | 481                      | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 採水点   | 採水層(m)                    | 水温(°C)                  | 塩分                          | ヘテロシグマ<br>アカシオ<br>(細胞/ml)   | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 20.9                    | 33.74                       | 1   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ①     | 5                         | 20.8                    | 33.74                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 23.1                    | 33.46                       | 0   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ④     | 5                         | 21.3                    | 33.85                       | 1   | 0                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| 佐世保湾  | 0.5                       | 22.3                    | 33.54                       | 130   | 1                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
| ⑥     | 3                         | 21.8                    | 33.58                       | 70  | 6                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5                         | 21.3                    | 33.59                       | 90  | 5                        | 0                           |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 5/27                      |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 6/4                       |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |
|       | 6/9                       |                         |                             |   |                          |                             |                  |         |                           |                          |                             |      |       |               |       |   |   |   |   |   |      |       |    |   |     |      |     |      |       |    |    |       |               |   |      |       |   |   |   |      |     |      |       |    |    |    |    |    |      |       |       |               |   |  |    |      |       |   |   |    |      |     |      |       |       |    |    |   |    |       |               |     |    |   |   |   |      |       |    |   |   |      |     |      |       |       |   |   |       |               |      |       |     |    |   |      |     |      |       |     |   |   |     |    |      |       |    |   |     |     |   |      |       |    |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |   |  |   |      |       |   |   |   |       |     |      |       |   |   |   |     |   |      |       |    |   |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |   |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |       |   |   |   |   |      |       |     |   |   |      |     |      |       |       |    |   |     |   |      |       |     |    |   |      |     |      |       |       |    |   |     |   |  |  |     |    |   |      |     |      |       |    |   |   |   |   |      |       |    |   |   |       |     |      |       |   |   |   |   |   |      |       |   |    |   |       |     |      |       |   |   |   |     |   |      |       |   |    |   |  |   |      |       |   |    |   |       |     |      |       |   |   |   |   |   |      |       |    |     |   |  |   |      |       |    |     |   |     |        |        |    |                           |                          |                             |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |   |   |   |   |   |      |       |   |   |   |      |     |      |       |     |   |   |   |   |      |       |    |   |   |  |   |      |       |    |   |   |    |                |                                      |   |          |

| 整理番号    | 発生時期                          | 発生海域                                | 赤潮構成種名                           | 発生状況及び発達状況   |                |           |            |              |            |              | 最大面積   | 発生水深       | 最高細胞数<br>(cells/ml) | 漁業被害の有無          | 水色       |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|---------|-------------------------------|-------------------------------------|----------------------------------|--|----------------|-----------|------------|--------------|------------|--------------|--------|------------|---------------------|------------------|----------|------------|------|--------|------|-------|--|---|----|-------|---|---|---|---|-----|--------|--------|----|--------------------------|----------------|---|-----|------|-------|---|-------|---|------|-------|-------|-------|----|------|-------|----|-----|---|-----|------|-------|---|-------|---|------|-------|----|-----|----|------|-------|----|----|---|-----|------|-------|---|-----|---|------|-------|----|-----|----|------|-------|---|-----|---|-----|------|-------|---|-----|---|------|-------|----|-----|----|------|-------|---|----|---|-----|------|-------|---|-----|---|------|-------|---|----|----|------|-------|---|----|---|-----|------|-------|---|-----|---|------|-------|-----|-----|----|------|-------|----|----|---|-----|------|-------|-----|-----|-----|------|-------|-----|----|----|------|-------|----|----|---|-----|------|-------|-----|----|-----|------|-------|-------|-----|---|------|-------|-----|----|---|-----|------|-------|-------|-----|-----|------|-------|-------|----|---|------|-------|----|----|-----|------------|------|--------|----------|---------|----|-----|---|---|---|---|---|---|---|---|---|----|-----|---|---|---|---|---|---|---|---|---|----|-----|---|---|---|---|---|----|---|---|---|----|-----|---|---|---|---|---|----|---|---|---|----|-----|---|---|---|---|---|-----|---|---|---|----|-----|---|---|---|---|---|-----|---|---|---|------|---|------|----|---|---|-----|---|---|---|---|-----|---|----|---|---|---|-----|---|---|---|---|-----|-----|---|---|---|---|-----|-----|---|---|---|---------|--|--|--|--|--|------|---|---|-------|---|---|------|--|--|--|--|--|------|---|---|----|---|---|----|----------------|---|---|--------------------|
|         |                               |                                     |                                  | 佐世保湾<br>⑥-1  | 佐世保湾<br>⑥-2    | 佐世保湾<br>⑦ | 南九十九島<br>⑧ | 南九十九島<br>⑦-1 | 南九十九島<br>⑦ | 南九十九島<br>⑧-1 |        |            |                     |                  |          | 南九十九島<br>⑨ |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 22.2           | 33.31     | 3,400      | 0            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 2  | 21.9           | 33.42     | 3,240      | 3            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.5           | 33.52     | 1,050      | 5            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 22.1           | 33.34     | 210        | 1            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 3  | 21.5           | 33.55     | 260        | 64           | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.2           | 33.59     | 120        | 37           | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 22.6           | 33.63     | 0          | 0            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.9           | 33.63     | 0          | 0            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 10   | 21.0           | 33.69     | 0          | 35           | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 22.9           | 34.09     | 0          | 2            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.5           | 34.15     | 0          | 2            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 10   | 20.9           | 34.21     | 0          | 35           | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 23.2           | 34.21     | 0          | 0            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.1           | 34.14     | 0          | 8            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 23.3           | 34.14     | 0          | 0            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.2           | 34.09     | 0          | 30           | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 0.5  | 22.9           | 34.08     | 0          | 0            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 5  | 21.5           | 34.18     | 0          | 17           | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 6  | 21.2           | 34.15     | 0          | 580          | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 4  | 21.5           | 34.13     | 0          | 2            | 0          |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | 6月16日 着色域確認されず終息。  |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| NS-11   | 5月28日<br>～<br>6月13日<br>(20日間) | 隼島<br>五島<br><br>五島市<br>玉之浦町<br>玉之浦湾 | <i>Prorocentrum<br/>dentatum</i> | 5月28日 五島市玉之浦町玉之浦湾荒川地先の入江で着色域を確認。<br>調査結果<br><table border="1"> <thead> <tr> <th>水温(°C)</th> <th>塩分(psu)</th> <th>DO(mg/L)</th> <th>細胞数<br/>(cell/mL)</th> </tr> </thead> <tbody> <tr> <td>19.72</td> <td>33.62</td> <td>9.66</td> <td>51,600</td> </tr> </tbody> </table><br>6月13日 着色域確認されず終息。   |                |           |            |              |            |              | 水温(°C) | 塩分(psu)    | DO(mg/L)            | 細胞数<br>(cell/mL) | 19.72    | 33.62      | 9.66 | 51,600 | 不明   | 2.5m  | <i>Prorocentrum<br/>dentatum</i><br><br>51,600 | 無 | 15 |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| 水温(°C)  | 塩分(psu)                       | DO(mg/L)                            | 細胞数<br>(cell/mL)                 |  |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| 19.72   | 33.62                         | 9.66                                | 51,600                           |  |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  |    |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| NS-12   | 6月5日<br>～<br>6月17日<br>(13日間)  | 九州西部<br>九十九島<br><br>楠泊～矢岳地先         | <i>Karenia<br/>mikimotoi</i>     | 6月5日 九十九島上矢岳漁港で着色域確認。<br>調査結果<br><table border="1"> <thead> <tr> <th>調査点</th> <th>観測層<br/>(m)</th> <th>水温<br/>(°C)</th> <th>加ニアミトイ</th> <th>デウジタ sp.</th> <th>オトコ sp.</th> </tr> </thead> <tbody> <tr> <td>S①-1</td> <td>0</td> <td>22.0</td> <td>5,780</td> <td>0</td> <td>0</td> </tr> <tr> <td></td> <td>上矢岳地先</td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table><br>6月6日 九十九島楠泊地先でも着色域確認。<br>調査結果<br><table border="1"> <thead> <tr> <th>採水点</th> <th>採水層(m)</th> <th>水温(°C)</th> <th>塩分</th> <th>カレニア<br/>ミキモトイ<br/>(細胞/mL)</th> <th>珪藻類<br/>(細胞/mL)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">①</td> <td>0.5</td> <td>21.7</td> <td>34.01</td> <td>1</td> <td>2,050</td> </tr> <tr> <td>5</td> <td>21.3</td> <td>34.18</td> <td>1,190</td> <td>1,300</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.23</td> <td>18</td> <td>120</td> </tr> <tr> <td rowspan="3">②</td> <td>0.5</td> <td>21.4</td> <td>34.15</td> <td>9</td> <td>1,020</td> </tr> <tr> <td>5</td> <td>20.8</td> <td>34.20</td> <td>24</td> <td>500</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.23</td> <td>10</td> <td>20</td> </tr> <tr> <td rowspan="3">③</td> <td>0.5</td> <td>21.0</td> <td>34.17</td> <td>3</td> <td>140</td> </tr> <tr> <td>5</td> <td>20.9</td> <td>34.19</td> <td>18</td> <td>260</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.22</td> <td>1</td> <td>150</td> </tr> <tr> <td rowspan="3">④</td> <td>0.5</td> <td>21.3</td> <td>34.16</td> <td>7</td> <td>970</td> </tr> <tr> <td>5</td> <td>20.8</td> <td>34.20</td> <td>18</td> <td>560</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.23</td> <td>1</td> <td>10</td> </tr> <tr> <td rowspan="3">⑤</td> <td>0.5</td> <td>21.0</td> <td>34.18</td> <td>5</td> <td>140</td> </tr> <tr> <td>5</td> <td>20.8</td> <td>34.22</td> <td>4</td> <td>90</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.23</td> <td>1</td> <td>37</td> </tr> <tr> <td rowspan="3">⑥</td> <td>0.5</td> <td>21.0</td> <td>34.18</td> <td>0</td> <td>150</td> </tr> <tr> <td>5</td> <td>20.8</td> <td>34.20</td> <td>240</td> <td>230</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.23</td> <td>36</td> <td>90</td> </tr> <tr> <td rowspan="3">⑦</td> <td>0.5</td> <td>20.7</td> <td>34.19</td> <td>450</td> <td>100</td> </tr> <tr> <td>2.5</td> <td>20.7</td> <td>34.20</td> <td>760</td> <td>40</td> </tr> <tr> <td>10</td> <td>20.6</td> <td>34.23</td> <td>24</td> <td>30</td> </tr> <tr> <td rowspan="3">⑧</td> <td>0.5</td> <td>21.0</td> <td>34.11</td> <td>102</td> <td>70</td> </tr> <tr> <td>1.5</td> <td>20.9</td> <td>34.19</td> <td>1,790</td> <td>260</td> </tr> <tr> <td>4</td> <td>20.8</td> <td>34.20</td> <td>520</td> <td>10</td> </tr> <tr> <td rowspan="3">⑨</td> <td>0.5</td> <td>21.1</td> <td>34.17</td> <td>1,080</td> <td>110</td> </tr> <tr> <td>1.5</td> <td>21.0</td> <td>34.20</td> <td>3,200</td> <td>20</td> </tr> <tr> <td>4</td> <td>20.9</td> <td>34.19</td> <td>13</td> <td>20</td> </tr> </tbody> </table><br>6月7日 調査結果<br><table border="1"> <thead> <tr> <th>調査点</th> <th>観測層<br/>(m)</th> <th>ピン番号</th> <th>加ニアミトイ</th> <th>デウジタ sp.</th> <th>オトコ sp.</th> </tr> </thead> <tbody> <tr> <td rowspan="2">K1</td> <td>0.5</td> <td>2</td> <td>5</td> <td>0</td> <td>-</td> </tr> <tr> <td>7</td> <td>7</td> <td>1</td> <td>1</td> <td>-</td> </tr> <tr> <td rowspan="2">K2</td> <td>0.5</td> <td>0</td> <td>1</td> <td>0</td> <td>-</td> </tr> <tr> <td>6</td> <td>4</td> <td>1</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K3</td> <td>0.5</td> <td>1</td> <td>1</td> <td>0</td> <td>-</td> </tr> <tr> <td>7</td> <td>34</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K4</td> <td>0.5</td> <td>0</td> <td>2</td> <td>0</td> <td>-</td> </tr> <tr> <td>6</td> <td>16</td> <td>1</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K5</td> <td>0.5</td> <td>6</td> <td>1</td> <td>0</td> <td>-</td> </tr> <tr> <td>6</td> <td>630</td> <td>0</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K6</td> <td>0.5</td> <td>0</td> <td>3</td> <td>0</td> <td>-</td> </tr> <tr> <td>6</td> <td>390</td> <td>2</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K6-1</td> <td>3</td> <td>2760</td> <td>20</td> <td>0</td> <td>-</td> </tr> <tr> <td>0.5</td> <td>0</td> <td>2</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K13</td> <td>8</td> <td>44</td> <td>8</td> <td>0</td> <td>-</td> </tr> <tr> <td>0.5</td> <td>0</td> <td>3</td> <td>0</td> <td>-</td> </tr> <tr> <td rowspan="2">K23</td> <td>0.5</td> <td>0</td> <td>3</td> <td>0</td> <td>-</td> </tr> <tr> <td>4.5</td> <td>405</td> <td>1</td> <td>0</td> <td>-</td> </tr> <tr> <td>九十九島漁港的</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>K臨時3</td> <td>0</td> <td>-</td> <td>487.0</td> <td>-</td> <td>-</td> </tr> <tr> <td>矢岳漁港</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>K臨時4</td> <td>0</td> <td>-</td> <td>10</td> <td>-</td> <td>-</td> </tr> </tbody> </table> |                |           |            |              |            |              | 調査点    | 観測層<br>(m) | 水温<br>(°C)          | 加ニアミトイ           | デウジタ sp. | オトコ sp.    | S①-1 | 0      | 22.0 | 5,780 | 0  | 0 |    | 上矢岳地先 | - | - | - | - | 採水点 | 採水層(m) | 水温(°C) | 塩分 | カレニア<br>ミキモトイ<br>(細胞/mL) | 珪藻類<br>(細胞/mL) | ① | 0.5 | 21.7 | 34.01 | 1 | 2,050 | 5 | 21.3 | 34.18 | 1,190 | 1,300 | 10 | 20.6 | 34.23 | 18 | 120 | ② | 0.5 | 21.4 | 34.15 | 9 | 1,020 | 5 | 20.8 | 34.20 | 24 | 500 | 10 | 20.6 | 34.23 | 10 | 20 | ③ | 0.5 | 21.0 | 34.17 | 3 | 140 | 5 | 20.9 | 34.19 | 18 | 260 | 10 | 20.6 | 34.22 | 1 | 150 | ④ | 0.5 | 21.3 | 34.16 | 7 | 970 | 5 | 20.8 | 34.20 | 18 | 560 | 10 | 20.6 | 34.23 | 1 | 10 | ⑤ | 0.5 | 21.0 | 34.18 | 5 | 140 | 5 | 20.8 | 34.22 | 4 | 90 | 10 | 20.6 | 34.23 | 1 | 37 | ⑥ | 0.5 | 21.0 | 34.18 | 0 | 150 | 5 | 20.8 | 34.20 | 240 | 230 | 10 | 20.6 | 34.23 | 36 | 90 | ⑦ | 0.5 | 20.7 | 34.19 | 450 | 100 | 2.5 | 20.7 | 34.20 | 760 | 40 | 10 | 20.6 | 34.23 | 24 | 30 | ⑧ | 0.5 | 21.0 | 34.11 | 102 | 70 | 1.5 | 20.9 | 34.19 | 1,790 | 260 | 4 | 20.8 | 34.20 | 520 | 10 | ⑨ | 0.5 | 21.1 | 34.17 | 1,080 | 110 | 1.5 | 21.0 | 34.20 | 3,200 | 20 | 4 | 20.9 | 34.19 | 13 | 20 | 調査点 | 観測層<br>(m) | ピン番号 | 加ニアミトイ | デウジタ sp. | オトコ sp. | K1 | 0.5 | 2 | 5 | 0 | - | 7 | 7 | 1 | 1 | - | K2 | 0.5 | 0 | 1 | 0 | - | 6 | 4 | 1 | 0 | - | K3 | 0.5 | 1 | 1 | 0 | - | 7 | 34 | 0 | 0 | - | K4 | 0.5 | 0 | 2 | 0 | - | 6 | 16 | 1 | 0 | - | K5 | 0.5 | 6 | 1 | 0 | - | 6 | 630 | 0 | 0 | - | K6 | 0.5 | 0 | 3 | 0 | - | 6 | 390 | 2 | 0 | - | K6-1 | 3 | 2760 | 20 | 0 | - | 0.5 | 0 | 2 | 0 | - | K13 | 8 | 44 | 8 | 0 | - | 0.5 | 0 | 3 | 0 | - | K23 | 0.5 | 0 | 3 | 0 | - | 4.5 | 405 | 1 | 0 | - | 九十九島漁港的 |  |  |  |  |  | K臨時3 | 0 | - | 487.0 | - | - | 矢岳漁港 |  |  |  |  |  | K臨時4 | 0 | - | 10 | - | - | 不明 | 表層<br>～<br>10m | <i>Karenia<br/>mikimotoi</i><br><br>6,250 | 無 | 24<br>27<br><br>33 |
| 調査点     | 観測層<br>(m)                    | 水温<br>(°C)                          | 加ニアミトイ                           | デウジタ sp.   | オトコ sp.        |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| S①-1    | 0                             | 22.0                                | 5,780                            | 0  | 0              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 上矢岳地先                         | -                                   | -                                | -  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| 採水点     | 採水層(m)                        | 水温(°C)                              | 塩分                               | カレニア<br>ミキモトイ<br>(細胞/mL)   | 珪藻類<br>(細胞/mL) |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ①       | 0.5                           | 21.7                                | 34.01                            | 1  | 2,050          |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 5                             | 21.3                                | 34.18                            | 1,190  | 1,300          |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.23                            | 18   | 120            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ②       | 0.5                           | 21.4                                | 34.15                            | 9  | 1,020          |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 5                             | 20.8                                | 34.20                            | 24   | 500            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.23                            | 10   | 20             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ③       | 0.5                           | 21.0                                | 34.17                            | 3  | 140            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 5                             | 20.9                                | 34.19                            | 18   | 260            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.22                            | 1  | 150            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ④       | 0.5                           | 21.3                                | 34.16                            | 7  | 970            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 5                             | 20.8                                | 34.20                            | 18   | 560            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.23                            | 1  | 10             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ⑤       | 0.5                           | 21.0                                | 34.18                            | 5  | 140            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 5                             | 20.8                                | 34.22                            | 4  | 90             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.23                            | 1  | 37             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ⑥       | 0.5                           | 21.0                                | 34.18                            | 0  | 150            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 5                             | 20.8                                | 34.20                            | 240  | 230            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.23                            | 36   | 90             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ⑦       | 0.5                           | 20.7                                | 34.19                            | 450  | 100            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 2.5                           | 20.7                                | 34.20                            | 760  | 40             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 10                            | 20.6                                | 34.23                            | 24   | 30             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ⑧       | 0.5                           | 21.0                                | 34.11                            | 102  | 70             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 1.5                           | 20.9                                | 34.19                            | 1,790  | 260            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 4                             | 20.8                                | 34.20                            | 520  | 10             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| ⑨       | 0.5                           | 21.1                                | 34.17                            | 1,080  | 110            |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 1.5                           | 21.0                                | 34.20                            | 3,200  | 20             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 4                             | 20.9                                | 34.19                            | 13   | 20             |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| 調査点     | 観測層<br>(m)                    | ピン番号                                | 加ニアミトイ                           | デウジタ sp.   | オトコ sp.        |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K1      | 0.5                           | 2                                   | 5                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 7                             | 7                                   | 1                                | 1  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K2      | 0.5                           | 0                                   | 1                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 6                             | 4                                   | 1                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K3      | 0.5                           | 1                                   | 1                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 7                             | 34                                  | 0                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K4      | 0.5                           | 0                                   | 2                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 6                             | 16                                  | 1                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K5      | 0.5                           | 6                                   | 1                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 6                             | 630                                 | 0                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K6      | 0.5                           | 0                                   | 3                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 6                             | 390                                 | 2                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K6-1    | 3                             | 2760                                | 20                               | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 0.5                           | 0                                   | 2                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K13     | 8                             | 44                                  | 8                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 0.5                           | 0                                   | 3                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K23     | 0.5                           | 0                                   | 3                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         | 4.5                           | 405                                 | 1                                | 0  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| 九十九島漁港的 |                               |                                     |                                  |  |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K臨時3    | 0                             | -                                   | 487.0                            | -  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| 矢岳漁港    |                               |                                     |                                  |  |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
| K臨時4    | 0                             | -                                   | 10                               | -  | -              |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |
|         |                               |                                     |                                  | <br><br>  |                |           |            |              |            |              |        |            |                     |                  |          |            |      |        |      |       |  |   |    |       |   |   |   |   |     |        |        |    |                          |                |   |     |      |       |   |       |   |      |       |       |       |    |      |       |    |     |   |     |      |       |   |       |   |      |       |    |     |    |      |       |    |    |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |     |   |     |      |       |   |     |   |      |       |    |     |    |      |       |   |    |   |     |      |       |   |     |   |      |       |   |    |    |      |       |   |    |   |     |      |       |   |     |   |      |       |     |     |    |      |       |    |    |   |     |      |       |     |     |     |      |       |     |    |    |      |       |    |    |   |     |      |       |     |    |     |      |       |       |     |   |      |       |     |    |   |     |      |       |       |     |     |      |       |       |    |   |      |       |    |    |     |            |      |        |          |         |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |   |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |    |   |   |   |    |     |   |   |   |   |   |     |   |   |   |    |     |   |   |   |   |   |     |   |   |   |      |   |      |    |   |   |     |   |   |   |   |     |   |    |   |   |   |     |   |   |   |   |     |     |   |   |   |   |     |     |   |   |   |         |  |  |  |  |  |      |   |   |       |   |   |      |  |  |  |  |  |      |   |   |    |   |   |    |                |   |   |                    |



| 整理番号   | 発生時期                          | 発生海域                    | 赤潮構成種名   | 発生状況及び発達状況  |                             |                              |       |   |     |       | 最大面積 | 発生水深          | 最高細胞数 (cells/ml)  | 漁業被害の有無        | 水色                       |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|--------|-------------------------------|-------------------------|--|---|-----------------------------|------------------------------|-------|---|-----|-------|------|---------------|---|----------------|--------------------------|-----------------------------|------------------------------|------|------|--------|-------|-------|--------|------|----|------|-------|-------|--------|------|------|-------|-------|------|-------|------|------|-------|----|----|------|-------|------|-------|-----|------|-----|------|-------|----|------|------|------|------|-------|-------|------|------|------|-------|------|------|-------|------|-------|------|------|------|-------|--------|--------|----|------|------|--------|------|-------|------|-------|-----|------|-------|------|-------|-----|---|------|-------|-----|------|-------|------|-------|-------|------|-----|------|-------|-------|-----|-----|-----|------|-------|-------|-----|---|-----|------|-------|------|-------|-----|------|-------|------|-----|-------|-------|---|---|---|---|---|------|-------|---|---|----|-------|-----|------|-------|---|---|---|---|---|------|-------|---|---|---|-------|-----|------|-------|---|---|---|---|---|------|-------|---|---|----|-------|-----|------|-------|---|---|---|---|---|------|-------|---|---|---|-------|-----|------|-------|---|---|----|-----|---|------|-------|----|---|----|-------|-----|------|-------|---|---|---|---|---|------|-------|----|---|----|--|---|------|-------|----|---|----|--|--|--|--|--|--|--|--|
|        |                               |                         |  | 2   | 7                           | 20.98                        | 34.27 | 0 | 260 | 3,750 |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 1   | 0.5                         | 21.69                        | 34.22 | 0 | 160 | 0     |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 12  | 5.8                         | 20.99                        | 34.27 | 0 | 80  | 1,200 |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  |   | 0.5                         | 21.39                        | 34.28 | 0 | 220 | 450   |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  |   | 2.5                         | 21.21                        | 34.24 | 0 | 70  | 4,300 |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月17日 着色域確認されず終息。   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| NS-13  | 6月9日<br>～<br>6月16日<br>(8日間)   | 九州西部<br>有明海<br>諫早湾      | <i>Heterosigma</i><br><i>akashiwo</i>  | 6月9日 諫早湾小長井地先で着色域を確認。<br>調査結果   |                             |                              |       |   |     |       | 不明   | 表層<br>～<br>5m | <i>Heterosigma</i><br><i>akashiwo</i><br>24,167   | 無              | 15<br>33<br>43           |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>ヘテロシグマ<br/>アカシオ</th> <th>プロロセントラム<br/>ミニマム</th> </tr> </thead> <tbody> <tr><td>①北部1</td><td>22.6</td><td>30.4</td><td>0</td><td>30</td></tr> <tr><td>②北部2</td><td>22.9</td><td>30.8</td><td>0</td><td>23</td></tr> <tr><td>③北部3</td><td>22.6</td><td>30.7</td><td>0</td><td>16</td></tr> <tr><td>④北部4</td><td>22.9</td><td>30.8</td><td>0</td><td>19</td></tr> <tr><td>⑤北部5</td><td>22.6</td><td>30.8</td><td>1</td><td>23</td></tr> <tr><td>⑥南部1</td><td>22.6</td><td>31.5</td><td>0</td><td>27</td></tr> <tr><td>⑦南部2</td><td>22</td><td>31.8</td><td>0</td><td>17</td></tr> <tr><td>⑧南部3</td><td>21.7</td><td>32.1</td><td>0</td><td>14</td></tr> <tr><td>⑨南部4</td><td>21.2</td><td>32.7</td><td>0</td><td>4</td></tr> <tr><td>⑩南部5</td><td>20.8</td><td>33.2</td><td>0</td><td>1</td></tr> <tr><td>⑪蕨切港</td><td>27.3</td><td>30.6</td><td>6,450</td><td>22,133</td></tr> <tr><td>⑫小長井中央</td><td>28</td><td>29.3</td><td>67</td><td>38,933</td></tr> <tr><td>⑬西郷港</td><td>25.3</td><td>30.3</td><td>1,200</td><td>850</td></tr> </tbody> </table>  |                             |                              |       |   |     |       | 調査点  | 水温 (°C)       | 塩分 (psu)  | ヘテロシグマ<br>アカシオ | プロロセントラム<br>ミニマム         | ①北部1                        | 22.6                         | 30.4 | 0    | 30     | ②北部2  | 22.9  | 30.8   | 0    | 23 | ③北部3 | 22.6  | 30.7  | 0      | 16   | ④北部4 | 22.9  | 30.8  | 0    | 19    | ⑤北部5 | 22.6 | 30.8  | 1  | 23 | ⑥南部1 | 22.6  | 31.5 | 0     | 27  | ⑦南部2 | 22  | 31.8 | 0     | 17 | ⑧南部3 | 21.7 | 32.1 | 0    | 14    | ⑨南部4  | 21.2 | 32.7 | 0    | 4     | ⑩南部5 | 20.8 | 33.2  | 0    | 1     | ⑪蕨切港 | 27.3 | 30.6 | 6,450 | 22,133 | ⑫小長井中央 | 28 | 29.3 | 67   | 38,933 | ⑬西郷港 | 25.3  | 30.3 | 1,200 | 850 |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 調査点    | 水温 (°C)                       | 塩分 (psu)                | ヘテロシグマ<br>アカシオ   | プロロセントラム<br>ミニマム  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ①北部1   | 22.6                          | 30.4                    | 0  | 30  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ②北部2   | 22.9                          | 30.8                    | 0  | 23  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③北部3   | 22.6                          | 30.7                    | 0  | 16  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ④北部4   | 22.9                          | 30.8                    | 0  | 19  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑤北部5   | 22.6                          | 30.8                    | 1  | 23  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥南部1   | 22.6                          | 31.5                    | 0  | 27  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦南部2   | 22                            | 31.8                    | 0  | 17  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑧南部3   | 21.7                          | 32.1                    | 0  | 14  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑨南部4   | 21.2                          | 32.7                    | 0  | 4   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑩南部5   | 20.8                          | 33.2                    | 0  | 1   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑪蕨切港   | 27.3                          | 30.6                    | 6,450  | 22,133  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑫小長井中央 | 28                            | 29.3                    | 67   | 38,933  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑬西郷港   | 25.3                          | 30.3                    | 1,200  | 850   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月10日 調査結果  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>ヘテロシグマ<br/>アカシオ</th> <th>プロロセントラム<br/>ミニマム</th> <th>細胞数 (cells/ml)</th> </tr> </thead> <tbody> <tr><td>①蕨切港</td><td>24.9</td><td>30.8</td><td>24,167</td><td>183</td><td></td></tr> <tr><td>②小長井中央</td><td>22.9</td><td>31</td><td>33</td><td>250</td><td></td></tr> <tr><td>③大正港</td><td>24.1</td><td>31.2</td><td>0</td><td>2</td><td></td></tr> <tr><td>④西郷港</td><td>23.3</td><td>30.8</td><td>0</td><td>0</td><td></td></tr> </tbody> </table>  |                             |                              |       |   |     |       | 調査点  | 水温 (°C)       | 塩分 (psu)  | ヘテロシグマ<br>アカシオ | プロロセントラム<br>ミニマム         | 細胞数 (cells/ml)              | ①蕨切港                         | 24.9 | 30.8 | 24,167 | 183   |       | ②小長井中央 | 22.9 | 31 | 33   | 250   |       | ③大正港   | 24.1 | 31.2 | 0     | 2     |      | ④西郷港  | 23.3 | 30.8 | 0     | 0  |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 調査点    | 水温 (°C)                       | 塩分 (psu)                | ヘテロシグマ<br>アカシオ   | プロロセントラム<br>ミニマム  | 細胞数 (cells/ml)              |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ①蕨切港   | 24.9                          | 30.8                    | 24,167   | 183   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ②小長井中央 | 22.9                          | 31                      | 33   | 250   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③大正港   | 24.1                          | 31.2                    | 0  | 2   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ④西郷港   | 23.3                          | 30.8                    | 0  | 0   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月11日 諫早湾央で着色域を確認。<br>調査結果  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>ヘテロシグマ<br/>アカシオ</th> <th>プロロセントラム<br/>ミニマム</th> <th>細胞数 (cells/ml)</th> </tr> </thead> <tbody> <tr><td>①蕨切港</td><td>25.7</td><td></td><td>48</td><td>4</td><td></td></tr> <tr><td>②小長井中央</td><td>25.6</td><td></td><td>22</td><td>8</td><td></td></tr> <tr><td>③小長井沖合</td><td>24.8</td><td></td><td>3,800</td><td>0</td><td></td></tr> <tr><td>④大正港</td><td>26.4</td><td>31.3</td><td>0</td><td>0</td><td></td></tr> <tr><td>⑤西郷港</td><td>25.5</td><td>29.9</td><td>129</td><td>17</td><td></td></tr> </tbody> </table>   |                             |                              |       |   |     |       | 調査点  | 水温 (°C)       | 塩分 (psu)  | ヘテロシグマ<br>アカシオ | プロロセントラム<br>ミニマム         | 細胞数 (cells/ml)              | ①蕨切港                         | 25.7 |      | 48     | 4     |       | ②小長井中央 | 25.6 |    | 22   | 8     |       | ③小長井沖合 | 24.8 |      | 3,800 | 0     |      | ④大正港  | 26.4 | 31.3 | 0     | 0  |    | ⑤西郷港 | 25.5  | 29.9 | 129   | 17  |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 調査点    | 水温 (°C)                       | 塩分 (psu)                | ヘテロシグマ<br>アカシオ   | プロロセントラム<br>ミニマム  | 細胞数 (cells/ml)              |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ①蕨切港   | 25.7                          |                         | 48   | 4   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ②小長井中央 | 25.6                          |                         | 22   | 8   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③小長井沖合 | 24.8                          |                         | 3,800  | 0   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ④大正港   | 26.4                          | 31.3                    | 0  | 0   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑤西郷港   | 25.5                          | 29.9                    | 129  | 17  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月12日 調査結果  |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>定点</th> <th>観測水深 (m)</th> <th>ヘテロシグマ<br/>アカシオ</th> <th>珪藻類</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> </tr> </thead> <tbody> <tr><td rowspan="2">B3</td><td>0.5</td><td>10</td><td>4</td><td>23.6</td><td>30.98</td></tr> <tr><td>5</td><td>2</td><td>8</td><td>23.0</td><td>31.11</td></tr> <tr><td rowspan="2">B-1</td><td>0</td><td>5</td><td>5</td><td>22.7</td><td>31.20</td></tr> <tr><td>0.5</td><td>11</td><td>30</td><td>23.3</td><td>31.02</td></tr> <tr><td rowspan="2">B4</td><td>5</td><td>2</td><td>18</td><td>22.9</td><td>31.14</td></tr> <tr><td>B-1</td><td>1</td><td>27</td><td>22.5</td><td>31.28</td></tr> <tr><td rowspan="2">B5</td><td>0.5</td><td>0</td><td>16</td><td>22.6</td><td>31.56</td></tr> <tr><td>5</td><td>0</td><td>5</td><td>22.1</td><td>31.68</td></tr> <tr><td rowspan="2">B-1</td><td>0</td><td>29</td><td>21.3</td><td>32.17</td><td></td></tr> <tr><td>0.5</td><td>4</td><td>14</td><td>25.7</td><td>29.69</td></tr> <tr><td rowspan="2">S1</td><td>B-1</td><td>0</td><td>3</td><td>24.8</td><td>30.11</td></tr> <tr><td>0.5</td><td>1</td><td>11</td><td>25.3</td><td>30.40</td></tr> <tr><td rowspan="2">S6</td><td>B-1</td><td>0</td><td>6</td><td>24.9</td><td>30.37</td></tr> <tr><td>0.5</td><td>0</td><td>2</td><td>24.2</td><td>30.85</td></tr> <tr><td rowspan="2">小長井港口</td><td>B-1</td><td>0</td><td>3</td><td>24.1</td><td>30.73</td></tr> <tr><td>0.5</td><td>2</td><td>8</td><td>23.8</td><td>30.89</td></tr> <tr><td rowspan="2">西郷港前</td><td>2.5</td><td>0</td><td>9</td><td>22.5</td><td>31.29</td></tr> <tr><td>B-1</td><td>0</td><td>3</td><td>22.4</td><td>31.34</td></tr> <tr><td>③</td><td>0</td><td>7,000</td><td>20</td><td></td><td></td></tr> </tbody> </table>  |                             |                              |       |   |     |       | 定点   | 観測水深 (m)      | ヘテロシグマ<br>アカシオ  | 珪藻類            | 水温 (°C)                  | 塩分 (psu)                    | B3                           | 0.5  | 10   | 4      | 23.6  | 30.98 | 5      | 2    | 8  | 23.0 | 31.11 | B-1   | 0      | 5    | 5    | 22.7  | 31.20 | 0.5  | 11    | 30   | 23.3 | 31.02 | B4 | 5  | 2    | 18    | 22.9 | 31.14 | B-1 | 1    | 27  | 22.5 | 31.28 | B5 | 0.5  | 0    | 16   | 22.6 | 31.56 | 5     | 0    | 5    | 22.1 | 31.68 | B-1  | 0    | 29    | 21.3 | 32.17 |      | 0.5  | 4    | 14    | 25.7   | 29.69  | S1 | B-1  | 0    | 3      | 24.8 | 30.11 | 0.5  | 1     | 11  | 25.3 | 30.40 | S6   | B-1   | 0   | 6 | 24.9 | 30.37 | 0.5 | 0    | 2     | 24.2 | 30.85 | 小長井港口 | B-1  | 0   | 3    | 24.1  | 30.73 | 0.5 | 2   | 8   | 23.8 | 30.89 | 西郷港前  | 2.5 | 0 | 9   | 22.5 | 31.29 | B-1  | 0     | 3   | 22.4 | 31.34 | ③    | 0   | 7,000 | 20    |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 定点     | 観測水深 (m)                      | ヘテロシグマ<br>アカシオ          | 珪藻類  | 水温 (°C)   | 塩分 (psu)                    |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| B3     | 0.5                           | 10                      | 4  | 23.6  | 30.98                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5                             | 2                       | 8  | 23.0  | 31.11                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| B-1    | 0                             | 5                       | 5  | 22.7  | 31.20                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 0.5                           | 11                      | 30   | 23.3  | 31.02                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| B4     | 5                             | 2                       | 18   | 22.9  | 31.14                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | B-1                           | 1                       | 27   | 22.5  | 31.28                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| B5     | 0.5                           | 0                       | 16   | 22.6  | 31.56                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5                             | 0                       | 5  | 22.1  | 31.68                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| B-1    | 0                             | 29                      | 21.3   | 32.17   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 0.5                           | 4                       | 14   | 25.7  | 29.69                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| S1     | B-1                           | 0                       | 3  | 24.8  | 30.11                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 0.5                           | 1                       | 11   | 25.3  | 30.40                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| S6     | B-1                           | 0                       | 6  | 24.9  | 30.37                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 0.5                           | 0                       | 2  | 24.2  | 30.85                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 小長井港口  | B-1                           | 0                       | 3  | 24.1  | 30.73                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 0.5                           | 2                       | 8  | 23.8  | 30.89                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 西郷港前   | 2.5                           | 0                       | 9  | 22.5  | 31.29                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | B-1                           | 0                       | 3  | 22.4  | 31.34                       |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③      | 0                             | 7,000                   | 20   |   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月16日 着色域確認されず終息。   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| NS-14  | 6月16日<br>～<br>7月14日<br>(29日間) | 九州西部<br>大村湾<br><br>佐世保湾 | <i>Karenia</i><br><i>mikimotoi</i><br><br><i>Prorocentrum</i><br><i>dentatum</i> | 6月16日 佐世保湾佐世保港奥で着色域を確認。<br>調査結果   |                             |                              |       |   |     |       | 不明   | 表層<br>～<br>5m | <i>Karenia</i><br><i>mikimotoi</i><br>1,060<br><br><i>Prorocentrum</i><br><i>dentatum</i><br>16,800 | 無              | 15<br>36<br><br>45       |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層 (m)</th> <th>水温 (°C)</th> <th>塩分</th> <th>カレニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンティイカ<br/>(細胞/ml)</th> <th>プロロセントラム<br/>デンタタム<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>22.0</td><td>33.53</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>21.9</td><td>33.53</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.5</td><td>33.68</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>③</td><td>5</td><td>21.9</td><td>33.61</td><td>0</td><td>0</td><td>14</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.0</td><td>33.63</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>④</td><td>0.5</td><td>21.8</td><td>33.67</td><td>16</td><td>0</td><td>8</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.8</td><td>33.47</td><td>0</td><td>0</td><td>10</td></tr> <tr><td>⑤</td><td>5</td><td>22.0</td><td>33.64</td><td>8</td><td>0</td><td>340</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.6</td><td>33.12</td><td>11</td><td>0</td><td>170</td></tr> <tr><td>⑥-1</td><td>1.5</td><td>22.4</td><td>33.33</td><td>120</td><td>0</td><td>480</td></tr> <tr><td></td><td>5.0</td><td>22.2</td><td>33.55</td><td>10</td><td>0</td><td>230</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>33.08</td><td>260</td><td>0</td><td>150</td></tr> <tr><td>⑥-2</td><td>1.5</td><td>22.6</td><td>33.41</td><td>540</td><td>0</td><td>570</td></tr> <tr><td></td><td>5.0</td><td>22.1</td><td>33.59</td><td>160</td><td>0</td><td>570</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.0</td><td>33.56</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>⑦</td><td>5</td><td>21.8</td><td>33.61</td><td>2</td><td>0</td><td>14</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.0</td><td>34.14</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>⑧</td><td>5</td><td>22.1</td><td>34.17</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.2</td><td>34.17</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑨</td><td>5</td><td>22.2</td><td>34.18</td><td>0</td><td>0</td><td>80</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.4</td><td>34.10</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑩</td><td>5</td><td>22.1</td><td>34.15</td><td>0</td><td>0</td><td>4</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.5</td><td>34.11</td><td>2</td><td>0</td><td>70</td></tr> <tr><td>⑦-1</td><td>5</td><td>22.2</td><td>34.17</td><td>16</td><td>0</td><td>24</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.4</td><td>34.13</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑦</td><td>5</td><td>22.2</td><td>34.19</td><td>10</td><td>0</td><td>24</td></tr> <tr><td></td><td>7</td><td>22.0</td><td>34.19</td><td>32</td><td>0</td><td>36</td></tr> </tbody> </table> |                             |                              |       |   |     |       | 採水点  | 採水層 (m)       | 水温 (°C)   | 塩分             | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンティイカ<br>(細胞/ml) | プロロセントラム<br>デンタタム<br>(細胞/ml) | 佐世保湾 | 0.5  | 22.0   | 33.53 | 0     | 0      | 0    | ①  | 5    | 21.9  | 33.53 | 0      | 0    | 0    | 佐世保湾  | 0.5   | 22.5 | 33.68 | 0    | 0    | 2     | ③  | 5  | 21.9 | 33.61 | 0    | 0     | 14  | 佐世保湾 | 0.5 | 23.0 | 33.63 | 0  | 0    | 2    | ④    | 0.5  | 21.8  | 33.67 | 16   | 0    | 8    | 佐世保湾  | 0.5  | 22.8 | 33.47 | 0    | 0     | 10   | ⑤    | 5    | 22.0  | 33.64  | 8      | 0  | 340  | 佐世保湾 | 0.5    | 22.6 | 33.12 | 11   | 0     | 170 | ⑥-1  | 1.5   | 22.4 | 33.33 | 120 | 0 | 480  |       | 5.0 | 22.2 | 33.55 | 10   | 0     | 230   | 佐世保湾 | 0.5 | 22.7 | 33.08 | 260   | 0   | 150 | ⑥-2 | 1.5  | 22.6  | 33.41 | 540 | 0 | 570 |      | 5.0   | 22.1 | 33.59 | 160 | 0    | 570   | 佐世保湾 | 0.5 | 22.0  | 33.56 | 0 | 0 | 0 | ⑦ | 5 | 21.8 | 33.61 | 2 | 0 | 14 | 南九十九島 | 0.5 | 23.0 | 34.14 | 0 | 0 | 0 | ⑧ | 5 | 22.1 | 34.17 | 0 | 0 | 1 | 南九十九島 | 0.5 | 23.2 | 34.17 | 0 | 0 | 1 | ⑨ | 5 | 22.2 | 34.18 | 0 | 0 | 80 | 南九十九島 | 0.5 | 23.4 | 34.10 | 0 | 0 | 1 | ⑩ | 5 | 22.1 | 34.15 | 0 | 0 | 4 | 南九十九島 | 0.5 | 23.5 | 34.11 | 2 | 0 | 70 | ⑦-1 | 5 | 22.2 | 34.17 | 16 | 0 | 24 | 南九十九島 | 0.5 | 23.4 | 34.13 | 0 | 0 | 1 | ⑦ | 5 | 22.2 | 34.19 | 10 | 0 | 24 |  | 7 | 22.0 | 34.19 | 32 | 0 | 36 |  |  |  |  |  |  |  |  |
| 採水点    | 採水層 (m)                       | 水温 (°C)                 | 塩分   | カレニア<br>ミキモトイ<br>(細胞/ml)  | シャットネラ<br>アンティイカ<br>(細胞/ml) | プロロセントラム<br>デンタタム<br>(細胞/ml) |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.0                    | 33.53  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ①      | 5                             | 21.9                    | 33.53  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.5                    | 33.68  | 0   | 0                           | 2                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③      | 5                             | 21.9                    | 33.61  | 0   | 0                           | 14                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 23.0                    | 33.63  | 0   | 0                           | 2                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ④      | 0.5                           | 21.8                    | 33.67  | 16  | 0                           | 8                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.8                    | 33.47  | 0   | 0                           | 10                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑤      | 5                             | 22.0                    | 33.64  | 8   | 0                           | 340                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.6                    | 33.12  | 11  | 0                           | 170                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥-1    | 1.5                           | 22.4                    | 33.33  | 120   | 0                           | 480                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5.0                           | 22.2                    | 33.55  | 10  | 0                           | 230                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.7                    | 33.08  | 260   | 0                           | 150                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥-2    | 1.5                           | 22.6                    | 33.41  | 540   | 0                           | 570                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5.0                           | 22.1                    | 33.59  | 160   | 0                           | 570                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.0                    | 33.56  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦      | 5                             | 21.8                    | 33.61  | 2   | 0                           | 14                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.0                    | 34.14  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑧      | 5                             | 22.1                    | 34.17  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.2                    | 34.17  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑨      | 5                             | 22.2                    | 34.18  | 0   | 0                           | 80                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.4                    | 34.10  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑩      | 5                             | 22.1                    | 34.15  | 0   | 0                           | 4                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.5                    | 34.11  | 2   | 0                           | 70                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦-1    | 5                             | 22.2                    | 34.17  | 16  | 0                           | 24                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.4                    | 34.13  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦      | 5                             | 22.2                    | 34.19  | 10  | 0                           | 24                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 7                             | 22.0                    | 34.19  | 32  | 0                           | 36                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月16日 佐世保湾佐世保港奥で着色域を確認。<br>調査結果   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層 (m)</th> <th>水温 (°C)</th> <th>塩分</th> <th>カレニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンティイカ<br/>(細胞/ml)</th> <th>プロロセントラム<br/>デンタタム<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>22.0</td><td>33.53</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>21.9</td><td>33.53</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.5</td><td>33.68</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>③</td><td>5</td><td>21.9</td><td>33.61</td><td>0</td><td>0</td><td>14</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.0</td><td>33.63</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>④</td><td>0.5</td><td>21.8</td><td>33.67</td><td>16</td><td>0</td><td>8</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.8</td><td>33.47</td><td>0</td><td>0</td><td>10</td></tr> <tr><td>⑤</td><td>5</td><td>22.0</td><td>33.64</td><td>8</td><td>0</td><td>340</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.6</td><td>33.12</td><td>11</td><td>0</td><td>170</td></tr> <tr><td>⑥-1</td><td>1.5</td><td>22.4</td><td>33.33</td><td>120</td><td>0</td><td>480</td></tr> <tr><td></td><td>5.0</td><td>22.2</td><td>33.55</td><td>10</td><td>0</td><td>230</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>33.08</td><td>260</td><td>0</td><td>150</td></tr> <tr><td>⑥-2</td><td>1.5</td><td>22.6</td><td>33.41</td><td>540</td><td>0</td><td>570</td></tr> <tr><td></td><td>5.0</td><td>22.1</td><td>33.59</td><td>160</td><td>0</td><td>570</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.0</td><td>33.56</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>⑦</td><td>5</td><td>21.8</td><td>33.61</td><td>2</td><td>0</td><td>14</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.0</td><td>34.14</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>⑧</td><td>5</td><td>22.1</td><td>34.17</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.2</td><td>34.17</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑨</td><td>5</td><td>22.2</td><td>34.18</td><td>0</td><td>0</td><td>80</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.4</td><td>34.10</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑩</td><td>5</td><td>22.1</td><td>34.15</td><td>0</td><td>0</td><td>4</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.5</td><td>34.11</td><td>2</td><td>0</td><td>70</td></tr> <tr><td>⑦-1</td><td>5</td><td>22.2</td><td>34.17</td><td>16</td><td>0</td><td>24</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.4</td><td>34.13</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑦</td><td>5</td><td>22.2</td><td>34.19</td><td>10</td><td>0</td><td>24</td></tr> <tr><td></td><td>7</td><td>22.0</td><td>34.19</td><td>32</td><td>0</td><td>36</td></tr> </tbody> </table> |                             |                              |       |   |     |       | 採水点  | 採水層 (m)       | 水温 (°C)   | 塩分             | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンティイカ<br>(細胞/ml) | プロロセントラム<br>デンタタム<br>(細胞/ml) | 佐世保湾 | 0.5  | 22.0   | 33.53 | 0     | 0      | 0    | ①  | 5    | 21.9  | 33.53 | 0      | 0    | 0    | 佐世保湾  | 0.5   | 22.5 | 33.68 | 0    | 0    | 2     | ③  | 5  | 21.9 | 33.61 | 0    | 0     | 14  | 佐世保湾 | 0.5 | 23.0 | 33.63 | 0  | 0    | 2    | ④    | 0.5  | 21.8  | 33.67 | 16   | 0    | 8    | 佐世保湾  | 0.5  | 22.8 | 33.47 | 0    | 0     | 10   | ⑤    | 5    | 22.0  | 33.64  | 8      | 0  | 340  | 佐世保湾 | 0.5    | 22.6 | 33.12 | 11   | 0     | 170 | ⑥-1  | 1.5   | 22.4 | 33.33 | 120 | 0 | 480  |       | 5.0 | 22.2 | 33.55 | 10   | 0     | 230   | 佐世保湾 | 0.5 | 22.7 | 33.08 | 260   | 0   | 150 | ⑥-2 | 1.5  | 22.6  | 33.41 | 540 | 0 | 570 |      | 5.0   | 22.1 | 33.59 | 160 | 0    | 570   | 佐世保湾 | 0.5 | 22.0  | 33.56 | 0 | 0 | 0 | ⑦ | 5 | 21.8 | 33.61 | 2 | 0 | 14 | 南九十九島 | 0.5 | 23.0 | 34.14 | 0 | 0 | 0 | ⑧ | 5 | 22.1 | 34.17 | 0 | 0 | 1 | 南九十九島 | 0.5 | 23.2 | 34.17 | 0 | 0 | 1 | ⑨ | 5 | 22.2 | 34.18 | 0 | 0 | 80 | 南九十九島 | 0.5 | 23.4 | 34.10 | 0 | 0 | 1 | ⑩ | 5 | 22.1 | 34.15 | 0 | 0 | 4 | 南九十九島 | 0.5 | 23.5 | 34.11 | 2 | 0 | 70 | ⑦-1 | 5 | 22.2 | 34.17 | 16 | 0 | 24 | 南九十九島 | 0.5 | 23.4 | 34.13 | 0 | 0 | 1 | ⑦ | 5 | 22.2 | 34.19 | 10 | 0 | 24 |  | 7 | 22.0 | 34.19 | 32 | 0 | 36 |  |  |  |  |  |  |  |  |
| 採水点    | 採水層 (m)                       | 水温 (°C)                 | 塩分   | カレニア<br>ミキモトイ<br>(細胞/ml)  | シャットネラ<br>アンティイカ<br>(細胞/ml) | プロロセントラム<br>デンタタム<br>(細胞/ml) |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.0                    | 33.53  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ①      | 5                             | 21.9                    | 33.53  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.5                    | 33.68  | 0   | 0                           | 2                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③      | 5                             | 21.9                    | 33.61  | 0   | 0                           | 14                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 23.0                    | 33.63  | 0   | 0                           | 2                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ④      | 0.5                           | 21.8                    | 33.67  | 16  | 0                           | 8                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.8                    | 33.47  | 0   | 0                           | 10                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑤      | 5                             | 22.0                    | 33.64  | 8   | 0                           | 340                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.6                    | 33.12  | 11  | 0                           | 170                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥-1    | 1.5                           | 22.4                    | 33.33  | 120   | 0                           | 480                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5.0                           | 22.2                    | 33.55  | 10  | 0                           | 230                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.7                    | 33.08  | 260   | 0                           | 150                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥-2    | 1.5                           | 22.6                    | 33.41  | 540   | 0                           | 570                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5.0                           | 22.1                    | 33.59  | 160   | 0                           | 570                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.0                    | 33.56  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦      | 5                             | 21.8                    | 33.61  | 2   | 0                           | 14                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.0                    | 34.14  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑧      | 5                             | 22.1                    | 34.17  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.2                    | 34.17  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑨      | 5                             | 22.2                    | 34.18  | 0   | 0                           | 80                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.4                    | 34.10  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑩      | 5                             | 22.1                    | 34.15  | 0   | 0                           | 4                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.5                    | 34.11  | 2   | 0                           | 70                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦-1    | 5                             | 22.2                    | 34.17  | 16  | 0                           | 24                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.4                    | 34.13  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦      | 5                             | 22.2                    | 34.19  | 10  | 0                           | 24                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 7                             | 22.0                    | 34.19  | 32  | 0                           | 36                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | 6月16日 佐世保湾佐世保港奥で着色域を確認。<br>調査結果   |                             |                              |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        |                               |                         |  | <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層 (m)</th> <th>水温 (°C)</th> <th>塩分</th> <th>カレニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンティイカ<br/>(細胞/ml)</th> <th>プロロセントラム<br/>デンタタム<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>22.0</td><td>33.53</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>21.9</td><td>33.53</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.5</td><td>33.68</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>③</td><td>5</td><td>21.9</td><td>33.61</td><td>0</td><td>0</td><td>14</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.0</td><td>33.63</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>④</td><td>0.5</td><td>21.8</td><td>33.67</td><td>16</td><td>0</td><td>8</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.8</td><td>33.47</td><td>0</td><td>0</td><td>10</td></tr> <tr><td>⑤</td><td>5</td><td>22.0</td><td>33.64</td><td>8</td><td>0</td><td>340</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.6</td><td>33.12</td><td>11</td><td>0</td><td>170</td></tr> <tr><td>⑥-1</td><td>1.5</td><td>22.4</td><td>33.33</td><td>120</td><td>0</td><td>480</td></tr> <tr><td></td><td>5.0</td><td>22.2</td><td>33.55</td><td>10</td><td>0</td><td>230</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>33.08</td><td>260</td><td>0</td><td>150</td></tr> <tr><td>⑥-2</td><td>1.5</td><td>22.6</td><td>33.41</td><td>540</td><td>0</td><td>570</td></tr> <tr><td></td><td>5.0</td><td>22.1</td><td>33.59</td><td>160</td><td>0</td><td>570</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.0</td><td>33.56</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>⑦</td><td>5</td><td>21.8</td><td>33.61</td><td>2</td><td>0</td><td>14</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.0</td><td>34.14</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>⑧</td><td>5</td><td>22.1</td><td>34.17</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.2</td><td>34.17</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑨</td><td>5</td><td>22.2</td><td>34.18</td><td>0</td><td>0</td><td>80</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.4</td><td>34.10</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑩</td><td>5</td><td>22.1</td><td>34.15</td><td>0</td><td>0</td><td>4</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.5</td><td>34.11</td><td>2</td><td>0</td><td>70</td></tr> <tr><td>⑦-1</td><td>5</td><td>22.2</td><td>34.17</td><td>16</td><td>0</td><td>24</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.4</td><td>34.13</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑦</td><td>5</td><td>22.2</td><td>34.19</td><td>10</td><td>0</td><td>24</td></tr> <tr><td></td><td>7</td><td>22.0</td><td>34.19</td><td>32</td><td>0</td><td>36</td></tr> </tbody> </table> |                             |                              |       |   |     |       | 採水点  | 採水層 (m)       | 水温 (°C)   | 塩分             | カレニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンティイカ<br>(細胞/ml) | プロロセントラム<br>デンタタム<br>(細胞/ml) | 佐世保湾 | 0.5  | 22.0   | 33.53 | 0     | 0      | 0    | ①  | 5    | 21.9  | 33.53 | 0      | 0    | 0    | 佐世保湾  | 0.5   | 22.5 | 33.68 | 0    | 0    | 2     | ③  | 5  | 21.9 | 33.61 | 0    | 0     | 14  | 佐世保湾 | 0.5 | 23.0 | 33.63 | 0  | 0    | 2    | ④    | 0.5  | 21.8  | 33.67 | 16   | 0    | 8    | 佐世保湾  | 0.5  | 22.8 | 33.47 | 0    | 0     | 10   | ⑤    | 5    | 22.0  | 33.64  | 8      | 0  | 340  | 佐世保湾 | 0.5    | 22.6 | 33.12 | 11   | 0     | 170 | ⑥-1  | 1.5   | 22.4 | 33.33 | 120 | 0 | 480  |       | 5.0 | 22.2 | 33.55 | 10   | 0     | 230   | 佐世保湾 | 0.5 | 22.7 | 33.08 | 260   | 0   | 150 | ⑥-2 | 1.5  | 22.6  | 33.41 | 540 | 0 | 570 |      | 5.0   | 22.1 | 33.59 | 160 | 0    | 570   | 佐世保湾 | 0.5 | 22.0  | 33.56 | 0 | 0 | 0 | ⑦ | 5 | 21.8 | 33.61 | 2 | 0 | 14 | 南九十九島 | 0.5 | 23.0 | 34.14 | 0 | 0 | 0 | ⑧ | 5 | 22.1 | 34.17 | 0 | 0 | 1 | 南九十九島 | 0.5 | 23.2 | 34.17 | 0 | 0 | 1 | ⑨ | 5 | 22.2 | 34.18 | 0 | 0 | 80 | 南九十九島 | 0.5 | 23.4 | 34.10 | 0 | 0 | 1 | ⑩ | 5 | 22.1 | 34.15 | 0 | 0 | 4 | 南九十九島 | 0.5 | 23.5 | 34.11 | 2 | 0 | 70 | ⑦-1 | 5 | 22.2 | 34.17 | 16 | 0 | 24 | 南九十九島 | 0.5 | 23.4 | 34.13 | 0 | 0 | 1 | ⑦ | 5 | 22.2 | 34.19 | 10 | 0 | 24 |  | 7 | 22.0 | 34.19 | 32 | 0 | 36 |  |  |  |  |  |  |  |  |
| 採水点    | 採水層 (m)                       | 水温 (°C)                 | 塩分   | カレニア<br>ミキモトイ<br>(細胞/ml)  | シャットネラ<br>アンティイカ<br>(細胞/ml) | プロロセントラム<br>デンタタム<br>(細胞/ml) |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.0                    | 33.53  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ①      | 5                             | 21.9                    | 33.53  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.5                    | 33.68  | 0   | 0                           | 2                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ③      | 5                             | 21.9                    | 33.61  | 0   | 0                           | 14                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 23.0                    | 33.63  | 0   | 0                           | 2                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ④      | 0.5                           | 21.8                    | 33.67  | 16  | 0                           | 8                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.8                    | 33.47  | 0   | 0                           | 10                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑤      | 5                             | 22.0                    | 33.64  | 8   | 0                           | 340                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.6                    | 33.12  | 11  | 0                           | 170                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥-1    | 1.5                           | 22.4                    | 33.33  | 120   | 0                           | 480                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5.0                           | 22.2                    | 33.55  | 10  | 0                           | 230                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.7                    | 33.08  | 260   | 0                           | 150                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑥-2    | 1.5                           | 22.6                    | 33.41  | 540   | 0                           | 570                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 5.0                           | 22.1                    | 33.59  | 160   | 0                           | 570                          |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 佐世保湾   | 0.5                           | 22.0                    | 33.56  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦      | 5                             | 21.8                    | 33.61  | 2   | 0                           | 14                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.0                    | 34.14  | 0   | 0                           | 0                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑧      | 5                             | 22.1                    | 34.17  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.2                    | 34.17  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑨      | 5                             | 22.2                    | 34.18  | 0   | 0                           | 80                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.4                    | 34.10  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑩      | 5                             | 22.1                    | 34.15  | 0   | 0                           | 4                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.5                    | 34.11  | 2   | 0                           | 70                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦-1    | 5                             | 22.2                    | 34.17  | 16  | 0                           | 24                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| 南九十九島  | 0.5                           | 23.4                    | 34.13  | 0   | 0                           | 1                            |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
| ⑦      | 5                             | 22.2                    | 34.19  | 10  | 0                           | 24                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |
|        | 7                             | 22.0                    | 34.19  | 32  | 0                           | 36                           |       |   |     |       |      |               |   |                |                          |                             |                              |      |      |        |       |       |        |      |    |      |       |       |        |      |      |       |       |      |       |      |      |       |    |    |      |       |      |       |     |      |     |      |       |    |      |      |      |      |       |       |      |      |      |       |      |      |       |      |       |      |      |      |       |        |        |    |      |      |        |      |       |      |       |     |      |       |      |       |     |   |      |       |     |      |       |      |       |       |      |     |      |       |       |     |     |     |      |       |       |     |   |     |      |       |      |       |     |      |       |      |     |       |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |   |   |   |      |       |   |   |    |       |     |      |       |   |   |   |   |   |      |       |   |   |   |       |     |      |       |   |   |    |     |   |      |       |    |   |    |       |     |      |       |   |   |   |   |   |      |       |    |   |    |  |   |      |       |    |   |    |  |  |  |  |  |  |  |  |

| 整理番号    | 発生時期                         | 発生海域                            | 赤潮構成種名                           | 発生状況及び発達状況  | 最大面積                        | 発生水深                          | 最高細胞数 (cells/ml)                           | 漁業被害の有無 | 水色                        |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
|---------|------------------------------|---------------------------------|----------------------------------|---|-----------------------------|-------------------------------|--|---------|---------------------------|-----------------------------|-------------------------------|------|-----|------|------|---|---|---|---|---|------|------|---|---|---|------|-----|------|------|---|---|---|---|---|------|------|---|---|---|------|-----|------|------|---|---|---|---|-----|------|------|---|---|---|------|-----|------|------|---|---|-----|---|-----|------|------|---|---|-----|---|------|------|-------|---|-------|--|------|-----|------|------|----|---|-----|-----|-----|------|------|----|---|-----|-----|------|------|-----|---|-------|--|------|-----|------|------|---|---|-----|-----|-----|------|------|-----|---|-------|-----|------|------|-----|---|-------|--|------|-----|------|------|---|---|----|---|-----|------|------|---|---|-----|-------|-----|------|------|---|---|---|---|-----|------|------|---|---|-----|-------|-----|------|------|---|---|---|---|-----|------|------|---|---|----|-------|-----|------|------|---|---|----|-----|-----|------|------|---|---|-----|-------|-----|------|------|---|---|----|---|-----|------|------|---|---|-----|-------|-----|------|------|---|---|----|---|---|------|------|---|---|-----|-----|---------|---------|----|---------------------------|-----------------------------|-------------------------------|------|-----|------|------|---|---|---|---|---|------|------|---|---|---|------|-----|------|------|---|---|---|---|---|------|------|---|---|---|------|-----|------|------|---|---|---|---|-----|------|------|---|---|----|------|-----|------|------|----|---|-----|---|-----|------|------|----|---|-------|---|------|------|----|---|-------|--|------|-----|------|------|-----|---|--------|-----|-----|------|------|-----|---|--------|-----|------|------|----|---|--------|--|------|-----|------|------|-----|---|--------|-----|-----|------|------|-----|---|--------|-----|------|------|-----|---|--------|--|------|-----|------|------|---|---|---|---|-----|------|------|---|---|-----|-------|-----|------|------|---|---|---|---|-----|------|------|---|---|-----|-------|-----|------|------|---|---|----|-----|-----|------|------|----|---|-------|-------|-----|------|------|---|---|-----|---|-----|------|------|---|---|-------|-----|---------|---------|----|---------------------------|-------------------|-------------------------------|------|-----|------|------|---|----|---|---|---|------|------|---|---|---|------|-----|------|------|---|---|---|---|---|------|------|---|---|---|------|-----|------|------|---|----|---|---|---|------|------|---|---|----|------|-----|------|------|---|---|-----|---|---|------|------|---|---|----|------|-----|------|------|---|---|----|---|---|------|------|---|---|---|------|-----|------|------|---|---|-----|---|---|------|------|---|---|----|------|-----|------|------|---|---|-----|-----|---|------|------|---|---|----|------|-----|------|------|---|---|--------|-----|---|------|------|---|---|-----|---------|-----|------|------|----|----|--------|------|-----|------|------|----|---|-------|---|---|------|------|---|---|-------|------|-----|------|------|---|---|----|---|---|------|------|---|----|---|------|-----|------|------|---|-----|----|---|---|------|------|---|---|----|------|-----|------|------|---|----|-----|---|---|------|------|---|----|-----|---|------|------|---|----|-----|--|--|--|--|--|--|
|         |                              |                                 |                                  | <p>6月23日 調査結果</p> <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層 (m)</th> <th>水温 (°C)</th> <th>塩分</th> <th>カレンニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンディーカ<br/>(細胞/ml)</th> <th>プロロセントラム<br/>デンタータム<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>21.8</td><td>33.4</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>21.7</td><td>33.5</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.3</td><td>33.3</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>③</td><td>5</td><td>21.9</td><td>33.5</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>31.8</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>④</td><td>4.0</td><td>22.0</td><td>33.4</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.4</td><td>33.3</td><td>3</td><td>0</td><td>120</td></tr> <tr><td>⑤</td><td>3.5</td><td>22.1</td><td>33.4</td><td>5</td><td>0</td><td>460</td></tr> <tr><td>5</td><td>21.9</td><td>33.6</td><td>1,060</td><td>0</td><td>1,230</td><td></td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.3</td><td>32.5</td><td>10</td><td>0</td><td>260</td></tr> <tr><td>⑥-1</td><td>3.5</td><td>22.1</td><td>33.3</td><td>18</td><td>0</td><td>760</td></tr> <tr><td>5.0</td><td>22.0</td><td>33.4</td><td>610</td><td>0</td><td>1,630</td><td></td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.6</td><td>33.1</td><td>1</td><td>0</td><td>130</td></tr> <tr><td>⑥-2</td><td>2.0</td><td>22.1</td><td>33.4</td><td>252</td><td>0</td><td>1,160</td></tr> <tr><td>5.0</td><td>21.8</td><td>33.6</td><td>520</td><td>0</td><td>1,400</td><td></td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.1</td><td>33.0</td><td>1</td><td>0</td><td>20</td></tr> <tr><td>⑦</td><td>4.0</td><td>22.0</td><td>33.3</td><td>0</td><td>0</td><td>260</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>22.9</td><td>33.7</td><td>1</td><td>0</td><td>4</td></tr> <tr><td>⑧</td><td>4.5</td><td>22.0</td><td>34.1</td><td>0</td><td>0</td><td>146</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.0</td><td>33.5</td><td>0</td><td>0</td><td>2</td></tr> <tr><td>⑨</td><td>4.5</td><td>22.1</td><td>34.2</td><td>3</td><td>0</td><td>30</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.2</td><td>33.3</td><td>0</td><td>0</td><td>10</td></tr> <tr><td>⑦-1</td><td>4.5</td><td>22.0</td><td>34.1</td><td>1</td><td>0</td><td>480</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>23.0</td><td>32.1</td><td>0</td><td>0</td><td>20</td></tr> <tr><td>⑦</td><td>4.5</td><td>22.1</td><td>34.2</td><td>0</td><td>0</td><td>420</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>22.7</td><td>33.8</td><td>0</td><td>0</td><td>20</td></tr> <tr><td>⑤</td><td>4</td><td>22.1</td><td>34.1</td><td>0</td><td>0</td><td>120</td></tr> </tbody> </table> <p>6月30日 調査結果</p> <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層 (m)</th> <th>水温 (°C)</th> <th>塩分</th> <th>カレンニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>アンディーカ<br/>(細胞/ml)</th> <th>プロロセントラム<br/>デンタータム<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>22.4</td><td>33.5</td><td>0</td><td>0</td><td>4</td></tr> <tr><td>①</td><td>5</td><td>22.3</td><td>33.5</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.3</td><td>33.4</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>③</td><td>5</td><td>22.5</td><td>33.5</td><td>0</td><td>1</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>24.2</td><td>33.3</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>④</td><td>4.0</td><td>22.5</td><td>33.5</td><td>0</td><td>2</td><td>58</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.7</td><td>33.1</td><td>15</td><td>0</td><td>160</td></tr> <tr><td>⑤</td><td>3.0</td><td>23.1</td><td>33.2</td><td>40</td><td>0</td><td>6,350</td></tr> <tr><td>5</td><td>22.6</td><td>33.4</td><td>56</td><td>0</td><td>5,650</td><td></td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.4</td><td>32.6</td><td>340</td><td>0</td><td>23,000</td></tr> <tr><td>⑥-1</td><td>3.0</td><td>23.1</td><td>33.0</td><td>740</td><td>0</td><td>18,200</td></tr> <tr><td>5.0</td><td>22.7</td><td>33.2</td><td>60</td><td>0</td><td>11,000</td><td></td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>24.1</td><td>32.3</td><td>440</td><td>0</td><td>31,300</td></tr> <tr><td>⑥-2</td><td>3.0</td><td>23.1</td><td>33.2</td><td>770</td><td>0</td><td>23,100</td></tr> <tr><td>5.0</td><td>22.5</td><td>33.4</td><td>340</td><td>0</td><td>12,500</td><td></td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>23.4</td><td>33.4</td><td>0</td><td>1</td><td>2</td></tr> <tr><td>⑦</td><td>5.0</td><td>22.8</td><td>33.5</td><td>0</td><td>0</td><td>360</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>24.4</td><td>33.9</td><td>0</td><td>0</td><td>1</td></tr> <tr><td>⑧</td><td>5.0</td><td>23.5</td><td>33.9</td><td>0</td><td>0</td><td>460</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>24.7</td><td>33.8</td><td>0</td><td>0</td><td>20</td></tr> <tr><td>⑦-1</td><td>4.5</td><td>23.4</td><td>33.9</td><td>20</td><td>0</td><td>3,160</td></tr> <tr><td>南九十九島</td><td>0.5</td><td>25.0</td><td>33.8</td><td>1</td><td>0</td><td>100</td></tr> <tr><td>⑦</td><td>5.0</td><td>23.4</td><td>34.0</td><td>4</td><td>0</td><td>8,000</td></tr> </tbody> </table> <p>7月7日 調査結果</p> <table border="1"> <thead> <tr> <th>採水点</th> <th>採水層 (m)</th> <th>水温 (°C)</th> <th>塩分</th> <th>カレンニア<br/>ミキモトイ<br/>(細胞/ml)</th> <th>シャットネラ<br/>(細胞/ml)</th> <th>プロロセントラム<br/>デンタータム<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>佐世保湾</td><td>0.5</td><td>22.3</td><td>30.4</td><td>0</td><td>18</td><td>0</td></tr> <tr><td>①</td><td>5</td><td>22.2</td><td>32.0</td><td>0</td><td>4</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.2</td><td>32.2</td><td>0</td><td>2</td><td>0</td></tr> <tr><td>②</td><td>5</td><td>22.2</td><td>32.2</td><td>0</td><td>5</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>28.3</td><td>0</td><td>37</td><td>0</td></tr> <tr><td>③</td><td>5</td><td>22.7</td><td>32.4</td><td>1</td><td>5</td><td>51</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.1</td><td>18.7</td><td>1</td><td>6</td><td>320</td></tr> <tr><td>④</td><td>5</td><td>22.6</td><td>32.8</td><td>1</td><td>0</td><td>20</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.8</td><td>28.9</td><td>0</td><td>4</td><td>45</td></tr> <tr><td>⑤</td><td>5</td><td>22.3</td><td>32.9</td><td>0</td><td>0</td><td>5</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.6</td><td>24.9</td><td>1</td><td>0</td><td>780</td></tr> <tr><td>⑥</td><td>5</td><td>22.8</td><td>32.8</td><td>0</td><td>0</td><td>15</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.2</td><td>19.9</td><td>3</td><td>1</td><td>460</td></tr> <tr><td>⑥-1</td><td>5</td><td>22.9</td><td>32.7</td><td>0</td><td>0</td><td>10</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>27.9</td><td>8</td><td>4</td><td>54,100</td></tr> <tr><td>⑥-2</td><td>5</td><td>22.9</td><td>32.8</td><td>0</td><td>0</td><td>210</td></tr> <tr><td>佐世保湾⑥-3</td><td>0.5</td><td>22.7</td><td>28.4</td><td>54</td><td>28</td><td>78,800</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>28.4</td><td>10</td><td>2</td><td>6,550</td></tr> <tr><td>⑦</td><td>5</td><td>22.9</td><td>32.5</td><td>0</td><td>0</td><td>1,150</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.3</td><td>31.3</td><td>1</td><td>9</td><td>10</td></tr> <tr><td>⑧</td><td>5</td><td>22.2</td><td>32.2</td><td>0</td><td>20</td><td>0</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.9</td><td>22.9</td><td>0</td><td>108</td><td>80</td></tr> <tr><td>⑨</td><td>5</td><td>22.2</td><td>32.2</td><td>0</td><td>3</td><td>40</td></tr> <tr><td>佐世保湾</td><td>0.5</td><td>22.7</td><td>28.0</td><td>2</td><td>14</td><td>240</td></tr> <tr><td>⑩</td><td>1</td><td>22.8</td><td>29.7</td><td>0</td><td>24</td><td>520</td></tr> <tr><td>5</td><td>22.4</td><td>32.0</td><td>0</td><td>12</td><td>100</td><td></td></tr> </tbody> </table> <p>7月14日 着色域確認されず終息。</p> | 採水点                         | 採水層 (m)                       | 水温 (°C)                                    | 塩分      | カレンニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) | プロロセントラム<br>デンタータム<br>(細胞/ml) | 佐世保湾 | 0.5 | 21.8 | 33.4 | 0 | 0 | 0 | ① | 5 | 21.7 | 33.5 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 22.3 | 33.3 | 0 | 0 | 0 | ③ | 5 | 21.9 | 33.5 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 22.7 | 31.8 | 0 | 0 | 2 | ④ | 4.0 | 22.0 | 33.4 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 22.4 | 33.3 | 3 | 0 | 120 | ⑤ | 3.5 | 22.1 | 33.4 | 5 | 0 | 460 | 5 | 21.9 | 33.6 | 1,060 | 0 | 1,230 |  | 佐世保湾 | 0.5 | 22.3 | 32.5 | 10 | 0 | 260 | ⑥-1 | 3.5 | 22.1 | 33.3 | 18 | 0 | 760 | 5.0 | 22.0 | 33.4 | 610 | 0 | 1,630 |  | 佐世保湾 | 0.5 | 22.6 | 33.1 | 1 | 0 | 130 | ⑥-2 | 2.0 | 22.1 | 33.4 | 252 | 0 | 1,160 | 5.0 | 21.8 | 33.6 | 520 | 0 | 1,400 |  | 佐世保湾 | 0.5 | 23.1 | 33.0 | 1 | 0 | 20 | ⑦ | 4.0 | 22.0 | 33.3 | 0 | 0 | 260 | 南九十九島 | 0.5 | 22.9 | 33.7 | 1 | 0 | 4 | ⑧ | 4.5 | 22.0 | 34.1 | 0 | 0 | 146 | 南九十九島 | 0.5 | 23.0 | 33.5 | 0 | 0 | 2 | ⑨ | 4.5 | 22.1 | 34.2 | 3 | 0 | 30 | 南九十九島 | 0.5 | 23.2 | 33.3 | 0 | 0 | 10 | ⑦-1 | 4.5 | 22.0 | 34.1 | 1 | 0 | 480 | 南九十九島 | 0.5 | 23.0 | 32.1 | 0 | 0 | 20 | ⑦ | 4.5 | 22.1 | 34.2 | 0 | 0 | 420 | 南九十九島 | 0.5 | 22.7 | 33.8 | 0 | 0 | 20 | ⑤ | 4 | 22.1 | 34.1 | 0 | 0 | 120 | 採水点 | 採水層 (m) | 水温 (°C) | 塩分 | カレンニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>アンディーカ<br>(細胞/ml) | プロロセントラム<br>デンタータム<br>(細胞/ml) | 佐世保湾 | 0.5 | 22.4 | 33.5 | 0 | 0 | 4 | ① | 5 | 22.3 | 33.5 | 0 | 0 | 0 | 佐世保湾 | 0.5 | 23.3 | 33.4 | 0 | 0 | 0 | ③ | 5 | 22.5 | 33.5 | 0 | 1 | 0 | 佐世保湾 | 0.5 | 24.2 | 33.3 | 0 | 0 | 0 | ④ | 4.0 | 22.5 | 33.5 | 0 | 2 | 58 | 佐世保湾 | 0.5 | 23.7 | 33.1 | 15 | 0 | 160 | ⑤ | 3.0 | 23.1 | 33.2 | 40 | 0 | 6,350 | 5 | 22.6 | 33.4 | 56 | 0 | 5,650 |  | 佐世保湾 | 0.5 | 23.4 | 32.6 | 340 | 0 | 23,000 | ⑥-1 | 3.0 | 23.1 | 33.0 | 740 | 0 | 18,200 | 5.0 | 22.7 | 33.2 | 60 | 0 | 11,000 |  | 佐世保湾 | 0.5 | 24.1 | 32.3 | 440 | 0 | 31,300 | ⑥-2 | 3.0 | 23.1 | 33.2 | 770 | 0 | 23,100 | 5.0 | 22.5 | 33.4 | 340 | 0 | 12,500 |  | 佐世保湾 | 0.5 | 23.4 | 33.4 | 0 | 1 | 2 | ⑦ | 5.0 | 22.8 | 33.5 | 0 | 0 | 360 | 南九十九島 | 0.5 | 24.4 | 33.9 | 0 | 0 | 1 | ⑧ | 5.0 | 23.5 | 33.9 | 0 | 0 | 460 | 南九十九島 | 0.5 | 24.7 | 33.8 | 0 | 0 | 20 | ⑦-1 | 4.5 | 23.4 | 33.9 | 20 | 0 | 3,160 | 南九十九島 | 0.5 | 25.0 | 33.8 | 1 | 0 | 100 | ⑦ | 5.0 | 23.4 | 34.0 | 4 | 0 | 8,000 | 採水点 | 採水層 (m) | 水温 (°C) | 塩分 | カレンニア<br>ミキモトイ<br>(細胞/ml) | シャットネラ<br>(細胞/ml) | プロロセントラム<br>デンタータム<br>(細胞/ml) | 佐世保湾 | 0.5 | 22.3 | 30.4 | 0 | 18 | 0 | ① | 5 | 22.2 | 32.0 | 0 | 4 | 0 | 佐世保湾 | 0.5 | 22.2 | 32.2 | 0 | 2 | 0 | ② | 5 | 22.2 | 32.2 | 0 | 5 | 0 | 佐世保湾 | 0.5 | 22.7 | 28.3 | 0 | 37 | 0 | ③ | 5 | 22.7 | 32.4 | 1 | 5 | 51 | 佐世保湾 | 0.5 | 22.1 | 18.7 | 1 | 6 | 320 | ④ | 5 | 22.6 | 32.8 | 1 | 0 | 20 | 佐世保湾 | 0.5 | 22.8 | 28.9 | 0 | 4 | 45 | ⑤ | 5 | 22.3 | 32.9 | 0 | 0 | 5 | 佐世保湾 | 0.5 | 22.6 | 24.9 | 1 | 0 | 780 | ⑥ | 5 | 22.8 | 32.8 | 0 | 0 | 15 | 佐世保湾 | 0.5 | 22.2 | 19.9 | 3 | 1 | 460 | ⑥-1 | 5 | 22.9 | 32.7 | 0 | 0 | 10 | 佐世保湾 | 0.5 | 22.7 | 27.9 | 8 | 4 | 54,100 | ⑥-2 | 5 | 22.9 | 32.8 | 0 | 0 | 210 | 佐世保湾⑥-3 | 0.5 | 22.7 | 28.4 | 54 | 28 | 78,800 | 佐世保湾 | 0.5 | 22.7 | 28.4 | 10 | 2 | 6,550 | ⑦ | 5 | 22.9 | 32.5 | 0 | 0 | 1,150 | 佐世保湾 | 0.5 | 22.3 | 31.3 | 1 | 9 | 10 | ⑧ | 5 | 22.2 | 32.2 | 0 | 20 | 0 | 佐世保湾 | 0.5 | 22.9 | 22.9 | 0 | 108 | 80 | ⑨ | 5 | 22.2 | 32.2 | 0 | 3 | 40 | 佐世保湾 | 0.5 | 22.7 | 28.0 | 2 | 14 | 240 | ⑩ | 1 | 22.8 | 29.7 | 0 | 24 | 520 | 5 | 22.4 | 32.0 | 0 | 12 | 100 |  |  |  |  |  |  |
| 採水点     | 採水層 (m)                      | 水温 (°C)                         | 塩分                               | カレンニア<br>ミキモトイ<br>(細胞/ml)   | シャットネラ<br>アンディーカ<br>(細胞/ml) | プロロセントラム<br>デンタータム<br>(細胞/ml) |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 21.8                            | 33.4                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ①       | 5                            | 21.7                            | 33.5                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.3                            | 33.3                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ③       | 5                            | 21.9                            | 33.5                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.7                            | 31.8                             | 0   | 0                           | 2                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ④       | 4.0                          | 22.0                            | 33.4                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.4                            | 33.3                             | 3   | 0                           | 120                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑤       | 3.5                          | 22.1                            | 33.4                             | 5   | 0                           | 460                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5       | 21.9                         | 33.6                            | 1,060                            | 0   | 1,230                       |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.3                            | 32.5                             | 10  | 0                           | 260                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥-1     | 3.5                          | 22.1                            | 33.3                             | 18  | 0                           | 760                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5.0     | 22.0                         | 33.4                            | 610                              | 0   | 1,630                       |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.6                            | 33.1                             | 1   | 0                           | 130                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥-2     | 2.0                          | 22.1                            | 33.4                             | 252   | 0                           | 1,160                         |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5.0     | 21.8                         | 33.6                            | 520                              | 0   | 1,400                       |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 23.1                            | 33.0                             | 1   | 0                           | 20                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦       | 4.0                          | 22.0                            | 33.3                             | 0   | 0                           | 260                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 22.9                            | 33.7                             | 1   | 0                           | 4                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑧       | 4.5                          | 22.0                            | 34.1                             | 0   | 0                           | 146                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 23.0                            | 33.5                             | 0   | 0                           | 2                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑨       | 4.5                          | 22.1                            | 34.2                             | 3   | 0                           | 30                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 23.2                            | 33.3                             | 0   | 0                           | 10                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦-1     | 4.5                          | 22.0                            | 34.1                             | 1   | 0                           | 480                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 23.0                            | 32.1                             | 0   | 0                           | 20                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦       | 4.5                          | 22.1                            | 34.2                             | 0   | 0                           | 420                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 22.7                            | 33.8                             | 0   | 0                           | 20                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑤       | 4                            | 22.1                            | 34.1                             | 0   | 0                           | 120                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 採水点     | 採水層 (m)                      | 水温 (°C)                         | 塩分                               | カレンニア<br>ミキモトイ<br>(細胞/ml)   | シャットネラ<br>アンディーカ<br>(細胞/ml) | プロロセントラム<br>デンタータム<br>(細胞/ml) |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.4                            | 33.5                             | 0   | 0                           | 4                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ①       | 5                            | 22.3                            | 33.5                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 23.3                            | 33.4                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ③       | 5                            | 22.5                            | 33.5                             | 0   | 1                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 24.2                            | 33.3                             | 0   | 0                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ④       | 4.0                          | 22.5                            | 33.5                             | 0   | 2                           | 58                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 23.7                            | 33.1                             | 15  | 0                           | 160                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑤       | 3.0                          | 23.1                            | 33.2                             | 40  | 0                           | 6,350                         |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5       | 22.6                         | 33.4                            | 56                               | 0   | 5,650                       |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 23.4                            | 32.6                             | 340   | 0                           | 23,000                        |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥-1     | 3.0                          | 23.1                            | 33.0                             | 740   | 0                           | 18,200                        |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5.0     | 22.7                         | 33.2                            | 60                               | 0   | 11,000                      |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 24.1                            | 32.3                             | 440   | 0                           | 31,300                        |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥-2     | 3.0                          | 23.1                            | 33.2                             | 770   | 0                           | 23,100                        |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5.0     | 22.5                         | 33.4                            | 340                              | 0   | 12,500                      |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 23.4                            | 33.4                             | 0   | 1                           | 2                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦       | 5.0                          | 22.8                            | 33.5                             | 0   | 0                           | 360                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 24.4                            | 33.9                             | 0   | 0                           | 1                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑧       | 5.0                          | 23.5                            | 33.9                             | 0   | 0                           | 460                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 24.7                            | 33.8                             | 0   | 0                           | 20                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦-1     | 4.5                          | 23.4                            | 33.9                             | 20  | 0                           | 3,160                         |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 南九十九島   | 0.5                          | 25.0                            | 33.8                             | 1   | 0                           | 100                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦       | 5.0                          | 23.4                            | 34.0                             | 4   | 0                           | 8,000                         |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 採水点     | 採水層 (m)                      | 水温 (°C)                         | 塩分                               | カレンニア<br>ミキモトイ<br>(細胞/ml)   | シャットネラ<br>(細胞/ml)           | プロロセントラム<br>デンタータム<br>(細胞/ml) |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.3                            | 30.4                             | 0   | 18                          | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ①       | 5                            | 22.2                            | 32.0                             | 0   | 4                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.2                            | 32.2                             | 0   | 2                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ②       | 5                            | 22.2                            | 32.2                             | 0   | 5                           | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.7                            | 28.3                             | 0   | 37                          | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ③       | 5                            | 22.7                            | 32.4                             | 1   | 5                           | 51                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.1                            | 18.7                             | 1   | 6                           | 320                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ④       | 5                            | 22.6                            | 32.8                             | 1   | 0                           | 20                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.8                            | 28.9                             | 0   | 4                           | 45                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑤       | 5                            | 22.3                            | 32.9                             | 0   | 0                           | 5                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.6                            | 24.9                             | 1   | 0                           | 780                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥       | 5                            | 22.8                            | 32.8                             | 0   | 0                           | 15                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.2                            | 19.9                             | 3   | 1                           | 460                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥-1     | 5                            | 22.9                            | 32.7                             | 0   | 0                           | 10                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.7                            | 27.9                             | 8   | 4                           | 54,100                        |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑥-2     | 5                            | 22.9                            | 32.8                             | 0   | 0                           | 210                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾⑥-3 | 0.5                          | 22.7                            | 28.4                             | 54  | 28                          | 78,800                        |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.7                            | 28.4                             | 10  | 2                           | 6,550                         |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑦       | 5                            | 22.9                            | 32.5                             | 0   | 0                           | 1,150                         |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.3                            | 31.3                             | 1   | 9                           | 10                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑧       | 5                            | 22.2                            | 32.2                             | 0   | 20                          | 0                             |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.9                            | 22.9                             | 0   | 108                         | 80                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑨       | 5                            | 22.2                            | 32.2                             | 0   | 3                           | 40                            |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 佐世保湾    | 0.5                          | 22.7                            | 28.0                             | 2   | 14                          | 240                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| ⑩       | 1                            | 22.8                            | 29.7                             | 0   | 24                          | 520                           |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| 5       | 22.4                         | 32.0                            | 0                                | 12  | 100                         |                               |  |         |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |
| NS-15   | 6月17日<br>~<br>7月1日<br>(15日間) | 九州西部<br>橋湾<br>長崎市<br>戸石町<br>網場湾 | <i>Prorocentrum<br/>dentatum</i> | <p>6月17日 長崎市戸石町網場湾で着色域確認。<br/>最高細胞数 17,700cells/mL</p> <p>6月24日 最高細胞数 860cells/mL</p> <p>7月1日 着色域確認されず終息。</p>    | 不明                          | 表層                            | <i>Prorocentrum<br/>dentatum</i><br>17,700 | 無       | 27<br>34                  |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |   |      |     |      |      |   |   |     |   |     |      |      |   |   |     |   |      |      |       |   |       |  |      |     |      |      |    |   |     |     |     |      |      |    |   |     |     |      |      |     |   |       |  |      |     |      |      |   |   |     |     |     |      |      |     |   |       |     |      |      |     |   |       |  |      |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |    |       |     |      |      |   |   |    |     |     |      |      |   |   |     |       |     |      |      |   |   |    |   |     |      |      |   |   |     |       |     |      |      |   |   |    |   |   |      |      |   |   |     |     |         |         |    |                           |                             |                               |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |     |      |      |   |   |    |      |     |      |      |    |   |     |   |     |      |      |    |   |       |   |      |      |    |   |       |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |    |   |        |  |      |     |      |      |     |   |        |     |     |      |      |     |   |        |     |      |      |     |   |        |  |      |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |   |   |     |      |      |   |   |     |       |     |      |      |   |   |    |     |     |      |      |    |   |       |       |     |      |      |   |   |     |   |     |      |      |   |   |       |     |         |         |    |                           |                   |                               |      |     |      |      |   |    |   |   |   |      |      |   |   |   |      |     |      |      |   |   |   |   |   |      |      |   |   |   |      |     |      |      |   |    |   |   |   |      |      |   |   |    |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |    |   |   |      |      |   |   |   |      |     |      |      |   |   |     |   |   |      |      |   |   |    |      |     |      |      |   |   |     |     |   |      |      |   |   |    |      |     |      |      |   |   |        |     |   |      |      |   |   |     |         |     |      |      |    |    |        |      |     |      |      |    |   |       |   |   |      |      |   |   |       |      |     |      |      |   |   |    |   |   |      |      |   |    |   |      |     |      |      |   |     |    |   |   |      |      |   |   |    |      |     |      |      |   |    |     |   |   |      |      |   |    |     |   |      |      |   |    |     |  |  |  |  |  |  |



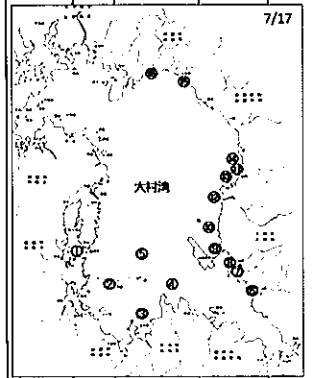




| 整理番号 | 発生時期 | 発生海域 | 赤潮構成種名 | 発生状況及び発達状況 |            |     |      | 最大面積 | 発生水深 | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色 |
|------|------|------|--------|------------|------------|-----|------|------|------|------------------|---------|----|
|      |      |      |        | ⑧長浦(手崎)    | 42 くらいきみどり | 0.5 | 25.1 | 220  |      |                  |         |    |
|      |      |      |        | ⑩時津        | 51 くらいみどり  | 0.5 | 24.3 | 84   |      |                  |         |    |
|      |      |      |        | ⑪多良見       | 51 くらいみどり  | 0.5 | 24.8 | 94   |      |                  |         |    |
|      |      |      |        | ⑬大村湾東部漁協前  | 42 くらいきみどり | 0.5 | 24.6 | 8    |      |                  |         |    |
|      |      |      |        | ⑭大村市 新城    | 42 くらいきみどり | 0.5 | 24.6 | 26   |      |                  |         |    |
|      |      |      |        | ⑮大村市 松原    | 42 くらいきみどり | 0.5 | 24.1 | 230  |      |                  |         |    |
|      |      |      |        | ⑯音琴        | 51 くらいみどり  | 0.5 | 24.8 | 18   |      |                  |         |    |
|      |      |      |        | ⑰川棚        | 42 くらいきみどり | 0.5 | 25.1 | 0    |      |                  |         |    |

7月17日 調査結果

| 観測点       | 水色          | 採水層(m) | 水温(°C) | シアロフネン (細胞/ml) | コクロディニウム (細胞/ml) |
|-----------|-------------|--------|--------|----------------|------------------|
| ①         | くらいきみどり     | 2.5    | 25.8   | 159            | 0                |
| ②         | くらいみどり      | 2.5    | 24.5   | 80             | 0                |
| ③         | くらいみどり      | 2.5    | 24.6   | 48             | 0                |
| ④         | くらいみどり      | 2.5    | 25.8   | 22             | 0                |
| ⑤         | くらいみどり      | 2.5    | 24.3   | 22             | 0                |
| ⑬大村湾東部漁協前 | くらいきみどり     | 0.5    | 26.5   | 15             | 0                |
| ⑭大村市 新城-1 | くらいみどり      | 0.5    | 29     | 12             | 0                |
| ⑮ " 新城-2  |             | 0      | 27.5   | 95             | 0                |
| ⑯ " 新城-3  |             | 0      | 28.1   | 45             | 2                |
| ⑰ " 新城-4  |             | 0      | 27.2   | 49             | 0                |
| ⑱大村市 松原-1 | くらいきみどり     | 0.5    | 28     | 17             | 0                |
| ⑲ " 松原-2  |             | 0      | 26.2   | 1              | 0                |
| ⑳ " 松原-3  |             | 0      | 27.8   | 8              | 0                |
| ㉑ " 松原-4  |             | 0      | 27.8   | 3              | 0                |
| ⑳音琴       | あかるいはいみのみどり | 0.5    | 26.4   | 0              | 0                |
|           |             | 2.5    | 25.6   | 0              | 0                |
| ㉒川棚       | あかるいはいみのみどり | 0.5    | 26.3   | 0              | 0                |
|           |             | 2.5    | 25.7   | 0              | 0                |



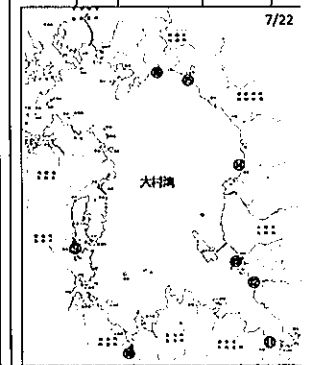
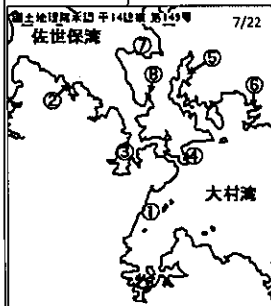
7月18日 調査結果

| 観測点        | 水色       | 採水層(m) | 水温(°C) | シアロフネン (細胞/ml) | コクロディニウム (細胞/ml) |
|------------|----------|--------|--------|----------------|------------------|
| ①西彼町漁協前    | こいみどり    | 0.5    | 26.7   | 13             | 0                |
|            |          | 2.5    | 25.8   | 6              | 0                |
| ②横瀬        | くらいあおみどり | 0.5    | 25     | 6              | 0                |
|            |          | 2.5    | 24.9   | 5              | 0                |
| ③瀬川        | くらいみどり   | 0.5    | 24.8   | 13             | 0                |
|            |          | 2.5    | 24.4   | 4              | 0                |
| ④崎針尾       | こいきみどり   | 0.5    | 28.7   | 15             | 0                |
|            |          |        |        | 41番            |                  |
| ⑤江上浦       | くらいきみどり  | 0.5    | 28.2   | 154            | 0                |
|            |          |        |        | 42番            |                  |
| ⑥佐世保市南部漁協前 | こいきみどり   | 0.5    | 27.5   | 2              | 0                |
|            |          |        |        | 41番            |                  |
| ⑦柿ノ浦       | くらいあおみどり | 0.5    | 28.2   | 12             | 0                |
|            |          | 2.5    | 25.8   | 4              | 0                |
| ⑧針尾漁協前     | こいきみどり   | 0.5    | 25.5   | 13             | 4                |
|            |          | 2.5    | 24.5   | 3              | 0                |



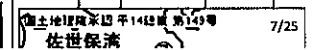
7月22日 調査結果

| 観測点        | 水色       | 採水層(m) | 水温(°C) | シアロフネン (細胞/ml) | コクロディニウム (細胞/ml) |
|------------|----------|--------|--------|----------------|------------------|
| ①西彼町漁協前    | くらいみどり   | 0.5    | 26     | 121            | 0                |
|            |          | 2.5    | 25.3   | 138            | 0                |
|            |          | 0.5    | 25.2   | 19             | 0                |
| ②横瀬        | くらいみどり   | 0.5    | 24.6   | 22             | 8                |
|            |          | 2.5    | 24.7   | 40             | 0                |
| ③瀬川        | くらいみどり   | 0.5    | 24.4   | 24             | 0                |
|            |          | 2.5    | 24.4   | 24             | 0                |
| ④崎針尾       | くらいみどり   | 0.5    | 26.4   | 154            | 0                |
|            |          |        |        | 51番            |                  |
| ⑤江上浦       | くらいきみどり  | 0.5    | 28.1   | 65             | 0                |
|            |          |        |        | 42番            |                  |
| ⑥佐世保市南部漁協前 | はいみのみどり  | 0.5    | 27.4   | 283            | 0                |
|            |          |        |        | 54番            |                  |
| ⑦柿ノ浦       | くらいあおみどり | 0.5    | 28.1   | 15             | 0                |
|            |          | 2.5    | 24.4   | 17             | 0                |
| ⑧針尾漁協前     | くらいみどり   | 0.5    | 25.7   | 28             | 0                |
|            |          | 2.5    | 24.9   | 70             | 0                |
| ⑨長浦(手崎)    | くらいきみどり  | 0.5    | 29.2   | 0              | 0                |
|            |          |        |        | 42番            |                  |
| ⑩時津        | くらいみどり   | 0.5    | 28.9   | 0              | 0                |
|            |          |        |        | 51番            |                  |
| ⑪多良見       | こいみどり    | 0.5    | 29.9   | 1              | 0                |
|            |          |        |        | 50番            |                  |
| ⑬大村湾東部漁協前  | くらいみどり   | 0.5    | 29.6   | 12             | 0                |
|            |          |        |        | 51番            |                  |
| ⑭大村市 新城    | こいきみどり   | 0.5    | 29.1   | 17             | 0                |
|            |          |        |        | 41番            |                  |
| ⑮大村市 松原    | こいきみどり   | 0.5    | 28.2   | 47             | 0                |
|            |          |        |        | 41番            |                  |
| ⑯音琴        | こいみどり    | 0.5    | 28.3   | 0              | 0                |
|            |          |        |        | 50番            |                  |
| ㉒川棚        | こいきみどり   | 0.5    | 28.1   | 12             | 0                |
|            |          |        |        | 41番            |                  |

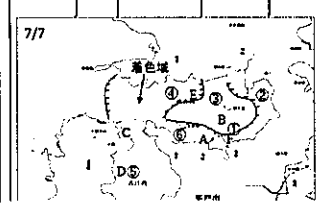
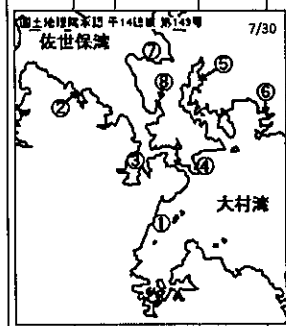
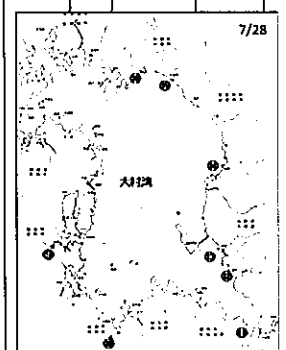
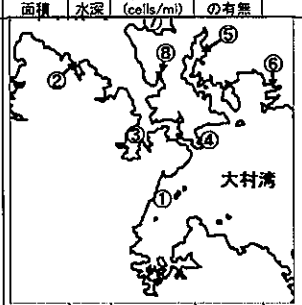


7月25日 調査結果

| 観測点 | 水色 | 採水層(m) | 水温(°C) | シャットネラ属 (細胞/ml) | コクロディニウム (細胞/ml) | カネニア ムキモトイ |
|-----|----|--------|--------|-----------------|------------------|------------|
|-----|----|--------|--------|-----------------|------------------|------------|



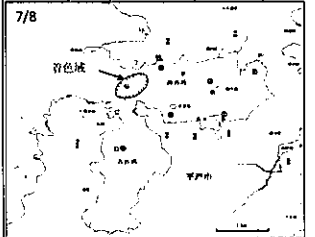
| 整理番号  | 発生時期                         | 発生海域           | 赤潮構成種名                   | 発生状況及び発達状況                               |                |            |              |                    |                             |        | 最大面積 | 発生水深           | 最高細胞数<br>(cells/ml)                | 漁業被害の有無 | 水色       |  |
|-------|------------------------------|----------------|--------------------------|--|----------------|------------|--------------|--------------------|-----------------------------|--------|------|----------------|------------------------------------|---------|----------|--|
|       |                              |                |                          | 観測点                                      | 水色             | 採水層(m)     | 水温(°C)       | クロロフィルa<br>(細胞/ml) | クロロフィルb<br>(細胞/ml)          | その他    |      |                |                                    |         |          |  |
|       |                              |                |                          | ①西彼町漁協前<br>9:40                          | はいみのみどり<br>54番 | 0.5<br>2.5 | 27.6<br>27.6 | 87<br>78           | 2<br>0                      | 0<br>0 |      |                |                                    |         |          |  |
|       |                              |                |                          | ②横瀬<br>10:02                             | くらいみどり<br>51番  | 0.5<br>2.5 | 25.5<br>25.4 | 11<br>18           | 0<br>2                      | 0<br>0 |      |                |                                    |         |          |  |
|       |                              |                |                          | ③瀬川<br>10:15                             | くらいみどり<br>51番  | 0.5<br>2.5 | 25.5<br>25.3 | 78<br>12           | 0<br>0                      | 0<br>0 |      |                |                                    |         |          |  |
|       |                              |                |                          | ④崎針尾<br>10:31                            | はいみのみどり<br>54番 | 0.5<br>2.5 | 28.3<br>28.2 | 95<br>28           | 0<br>0                      | 0<br>0 |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑤江上浦<br>10:46                            | はいみのみどり<br>54番 | 0.5        | 28.4         | 0                  | 0                           | 0      |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑥佐世保市南部漁協前<br>11:05                      | はいみのみどり<br>45番 | 0.5        | 28.8         | 154                | 0                           | 14     |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑦柿ノ浦<br>11:24                            | くらいみどり<br>51番  | 0.5<br>2.5 | 25.9<br>25.7 | 21<br>23           | 0<br>0                      | 0<br>0 |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑧針尾漁協前<br>11:39                          | くらいみどり<br>51番  | 0.5<br>2.5 | 25.8<br>25.4 | 191<br>88          | 16<br>4                     | 2<br>0 |      |                |                                    |         |          |  |
|       |                              |                |                          | 7月28日 佐世保湾針尾地先でも着色を確認。<br>調査結果           |                |            |              |                    |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 観測点                                      | 水色             | 採水層(m)     | 水温(°C)       | クロロフィルa<br>(細胞/ml) | クロロフィルb<br>(細胞/ml)          | その他    |      |                |                                    |         |          |  |
|       |                              |                |                          | ①西彼町漁協前<br>9:25                          | くらいみどり<br>42番  | 0.5<br>2.5 | 28.2<br>28   | 176<br>70          |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ②横瀬<br>9:44                              | はいみのみどり<br>54番 | 0.5<br>2.5 | 28.5<br>28.3 | 128<br>78          |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ③瀬川<br>9:57                              | はいみのみどり<br>54番 | 0.5<br>2.5 | 28.2<br>25.8 | 206<br>16          |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ④崎針尾<br>10:13                            | はいみのみどり<br>54番 | 0.5<br>2.5 | 27.2<br>27.2 | 10<br>20           |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑤江上浦<br>10:29                            | はいみのみどり<br>45番 | 0.5        | 29           | 18                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑥佐世保市南部漁協前<br>10:50                      | はいみのみどり<br>45番 | 0.5        | 27.5         | 1,580              |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑦柿ノ浦<br>11:14                            | はいみのみどり<br>54番 | 0.5<br>2.5 | 27.4<br>28.2 | 34<br>16           |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑧針尾漁協前<br>11:28                          | はいみのみどり<br>54番 | 0.5<br>2.5 | 28.5<br>25.6 | 110<br>66          |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑨長浦<br>12:59                             | くらいみどり<br>45番  | 0.5        | 29.7         | 0                  |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑩時津<br>13:24                             | はいみのみどり<br>54番 | 0.5        | 27.8         | 0                  |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑪多良見<br>9:25                             | こいみどり<br>50番   | 0.5        | 29.2         | 73                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑫大行海東部漁協前<br>10:00                       | こいみどり<br>41番   | 0.5        | 28.6         | 30                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑬大村市新堀<br>10:10                          | こいみどり<br>41番   | 0.5        | 28.4         | 65                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑭大村市松原<br>10:35                          | こいみどり<br>41番   | 0.5        | 28.2         | 69                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑮青琴<br>11:00                             | くらいみどり<br>51番  | 0.5        | 28.5         | 46                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑯川瀬<br>11:15                             | くらいみどり<br>42番  | 0.5        | 29           | 212                |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 7月30日 調査結果                               |                |            |              |                    |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 観測点                                      | 水色             | 採水層(m)     | 水温(°C)       | クロロフィルa<br>(細胞/ml) | クロロフィルb<br>(細胞/ml)          | その他    |      |                |                                    |         |          |  |
|       |                              |                |                          | ①西彼町漁協前<br>12:55                         | こいみどり<br>50番   | 0.5        | 29.4         | 9                  | 0                           |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ②横瀬<br>10:40                             | くらいみどり<br>51番  | 0.5        | 28.3         | 19                 | 8                           |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ③瀬川<br>10:50                             | こいみどり<br>50番   | 0.5        | 28.5         | 66                 | 0                           |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ④崎針尾<br>11:08                            | こいみどり<br>50番   | 0.5        | 28.4         | 64                 | 0                           |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑤江上浦<br>11:25                            | はいみのみどり<br>42番 | 0.5        | 29.5         | 25                 | 0                           |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑥佐世保市南部漁協前<br>12:40                      | くらいみどり<br>42番  | 0.5        | 29           | 1,260              | 0                           |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑦柿ノ浦<br>12:13                            | くらいみどり<br>51番  | 0.5<br>2.5 | 28.5<br>27.3 | 431<br>191         | 0<br>0                      |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ⑧針尾漁協前<br>12:25                          | こいみどり<br>50番   | 0.5<br>2.5 | 28.7<br>25.7 | 28<br>32           | 0<br>0                      |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 8月1日 着色域確認されず終息。                         |                |            |              |                    |                             |        |      |                |                                    |         |          |  |
| NS-18 | 7月4日<br>～<br>7月18日<br>(15日間) | 九州西部<br>薩摩・古江湾 | <i>Karenia mikimotoi</i> | 7月4日 薩摩湾で着色域を確認。<br>最高細胞数 1,160cells/mL  |                |            |              |                    |                             |        | 不明   | 表層<br>～<br>10m | <i>Karenia mikimotoi</i><br>21,100 | 有       | 18<br>24 |  |
|       |                              |                |                          | 7月5日 最高細胞数 3,350cells/mL                 |                |            |              |                    |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 7月6日 古江湾にも着色域が拡大。<br>最高細胞数 4,000cells/mL |                |            |              |                    |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 7月7日 調査結果                                |                |            |              |                    |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | 観測点                                      | 着色の有無          | 観測時刻       | 観測層(m)       | 水温(°C)             | カシニア<br>ミキモトイ<br>(cells/mL) |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ①  | あり             | 10:50      | 0.5          | 21.9               | 102                         |        |      |                |                                    |         |          |  |
|       |                              |                | 2.5                      |  |                |            | 21.6         | 17                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                | 5                        |  |                |            | 21.5         | 4                  |                             |        |      |                |                                    |         |          |  |
|       |                              |                | 10                       |  |                |            | 21.4         | 53                 |                             |        |      |                |                                    |         |          |  |
|       |                              |                |                          | ②  | あり             | 11:00      | 0.5          | 22                 | 1,020                       |        |      |                |                                    |         |          |  |
|       |                              |                | 2.5                      |  |                |            | 21.6         | 2,320              |                             |        |      |                |                                    |         |          |  |
|       |                              |                | 5                        |  |                |            | 21.4         | 440                |                             |        |      |                |                                    |         |          |  |
|       |                              |                | 10                       |  |                |            | 21.4         | 460                |                             |        |      |                |                                    |         |          |  |



| 整理番号 | 発生時期 | 発生海域   | 赤潮構成種名 | 発生状況及び発達状況 |         |         | 最大面積 | 発生水深 | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色 |  |
|------|------|--------|--------|------------|---------|---------|------|------|------------------|---------|----|--|
|      |      |        |        | 観測時刻       | 観測層 (m) | 水温 (°C) |      |      |                  |         |    |  |
|      |      |        |        | ㊸          | なし      | 11:05   | 0.5  | 21.8 | 242              |         |    |  |
|      |      |        |        |            |         |         | 2.5  | 21.5 | 860              |         |    |  |
|      |      |        |        |            |         |         | 5    | 21.4 | 680              |         |    |  |
|      |      |        |        | 10         | 21.3    | 100     |      |      |                  |         |    |  |
|      |      |        |        | 0.5        | 21.8    | 5,700   |      |      |                  |         |    |  |
|      |      |        |        | 2.5        | 21.7    | 1,720   |      |      |                  |         |    |  |
|      |      |        |        | 5          | 21.5    | 645     |      |      |                  |         |    |  |
|      |      |        |        | 10         | 21.3    | 35      |      |      |                  |         |    |  |
|      |      |        |        | 0.5        | 21.6    | 1,050   |      |      |                  |         |    |  |
|      |      |        |        | 2.5        | 21.5    | 1,200   |      |      |                  |         |    |  |
|      |      |        |        | 5          | 21.4    | 1,080   |      |      |                  |         |    |  |
|      |      |        |        | 10         | 21.4    | 220     |      |      |                  |         |    |  |
|      |      |        |        | 0.5        | 21.6    | 1,310   |      |      |                  |         |    |  |
|      |      |        |        | 2.5        | 21.5    | 1,500   |      |      |                  |         |    |  |
|      |      |        |        | 5          | 21.4    | 1,870   |      |      |                  |         |    |  |
|      |      |        |        | 10         | 21.4    | 1,170   |      |      |                  |         |    |  |
|      |      |        |        | 0.5        | 21.6    | 1,550   |      |      |                  |         |    |  |
|      |      |        |        | 2.5        | 21.5    | 3,000   |      |      |                  |         |    |  |
|      |      |        |        | 5          | 21.4    | 1,600   |      |      |                  |         |    |  |
|      |      |        |        | 10         | 21.3    | 1,910   |      |      |                  |         |    |  |
|      |      |        |        | 0.5        | 21.8    | 192     |      |      |                  |         |    |  |
|      |      |        |        | 2.5        | 21.6    | 1,840   |      |      |                  |         |    |  |
|      |      |        |        | 5          | 21.5    | 4,300   |      |      |                  |         |    |  |
|      |      |        |        | 10         | 21.4    | 5,320   |      |      |                  |         |    |  |
| 0.5  | -    | 12,425 |        |            |         |         |      |      |                  |         |    |  |
| 2.5  | -    | 12,500 |        |            |         |         |      |      |                  |         |    |  |
| 5    | -    | 5,200  |        |            |         |         |      |      |                  |         |    |  |

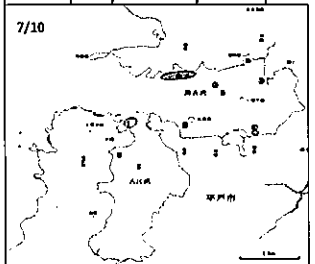
7月8日 調査結果

| 調査点 | 曇色の有無 | 観測時刻  | 観測層 (m) | 水温 (°C) | 有害種 (細胞/mL) |         |
|-----|-------|-------|---------|---------|-------------|---------|
|     |       |       |         |         | カレニア ミキモトイ  | シャットネラ属 |
| ①   | 無し    | 10:31 | 0.5     | 22.5    | 5           |         |
|     |       |       | 2.5     | 21.6    | 1           |         |
|     |       |       | 5       | 21.4    | 18          |         |
|     |       |       | 10      | 21.4    | 38          |         |
| ②   | 無し    | 10:41 | 0.5     | 22.5    | 2           |         |
|     |       |       | 2.5     | 21.6    | 0           |         |
|     |       |       | 5       | 21.5    | 12          |         |
|     |       |       | 10      | 21.5    | 7           |         |
| ③   | 無し    | 10:54 | 0.5     | 22.5    | 35          |         |
|     |       |       | 2.5     | 21.9    | 135         |         |
|     |       |       | 5       | 21.5    | 389         |         |
|     |       |       | 10      | 21.5    | 720         |         |
| ④   | 無し    | 11:00 | 0.5     | 22.7    | 5           |         |
|     |       |       | 2.5     | 22.1    | 78          |         |
|     |       |       | 5       | 21.6    | 830         |         |
|     |       |       | 10      | 22.9    | 457         |         |
| ⑤   | 無し    | 11:10 | 0.5     | 23      | 0           |         |
|     |       |       | 2.5     | 21.7    | 40          |         |
|     |       |       | 5       | 21.5    | 32          | 1       |
|     |       |       | 10      | 21.4    | 40          |         |
| ⑥   | 無し    | 11:20 | 0.5     | 22.9    | 24          |         |
|     |       |       | 2.5     | 22.1    | 60          |         |
|     |       |       | 5       | 21.6    | 40          |         |
|     |       |       | 10      | 21.5    | 50          |         |
| C   | 無し    | 11:15 | 0.5     | 22.3    | 1           |         |
|     |       |       | 2.5     | 21.8    | 20          |         |
|     |       |       | 5       | 21.6    | 130         |         |
|     |       |       | 10      | 21.6    | 130         |         |
| G   | あり    | 11:05 | 0.5     | 21.8    | 21,100      |         |
|     |       |       | 2.5     | 21.6    | 6,700       |         |
|     |       |       | 5       | 21.5    | 4,900       |         |
|     |       |       | 10      | 23      | 6,000       |         |
| H   | あり    | 11:40 | 0.5     | -       | 2,200       |         |
|     |       |       |         |         |             |         |

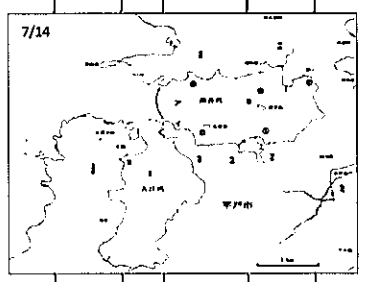
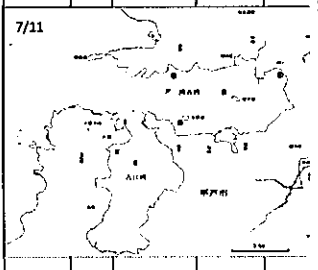


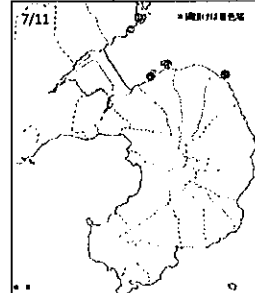
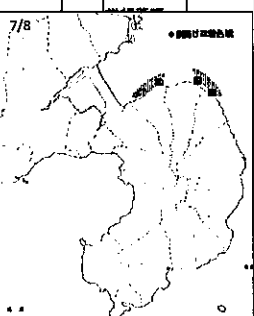
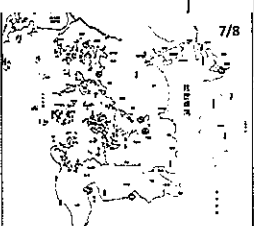
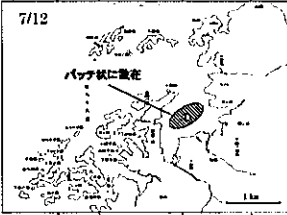
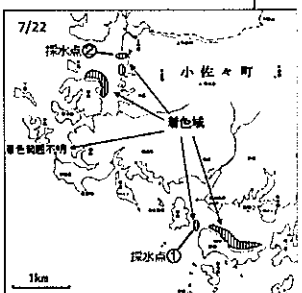
7月10日 調査結果

| 調査点 | 曇色の有無 | 観測時刻          | 観測層 (m) | 水温 (°C) | 有害種 (細胞/mL) |         |
|-----|-------|---------------|---------|---------|-------------|---------|
|     |       |               |         |         | カレニア ミキモトイ  | ディクテオカ属 |
| ①   | 有り    | 9:00 ~ 10:30  | 0.5     | -       | 128         |         |
|     |       |               | 2.5     | -       | 128         |         |
|     |       |               | 5       | -       | 390         |         |
|     |       |               | 10      | -       | 277         |         |
| ②   | 無し    |               | 0.5     | -       | 66          |         |
|     |       |               | 2.5     | -       | 1,540       |         |
|     |       |               | 5       | -       | 2,800       |         |
|     |       |               | 10      | -       | 1,500       |         |
| ③   | 無し    |               | 0.5     | -       | 2           |         |
|     |       |               | 2.5     | -       | 13          | 1       |
|     |       |               | 5       | -       | 100         |         |
|     |       |               | 10      | -       | 270         | 2       |
| B   | 無し    |               | 0.5     | -       | 33          |         |
|     |       |               | 2.5     | -       | 11          |         |
|     |       |               | 5       | -       | 615         |         |
|     |       |               | 10      | -       | 118         |         |
| カ   | 有り    |               | 0.5     | -       | 1,990       |         |
|     |       |               | 2.5     | -       | 93          |         |
|     |       |               | 5       | -       | 125         |         |
|     |       |               | 10      | -       | -           |         |
| ④   | 有り    |               | 0.5     | -       | 5           |         |
|     |       |               | 2.5     | -       | 105         |         |
|     |       |               | 5       | -       | 2,400       |         |
|     |       |               | 10      | -       | 105         |         |
| ⑤   | 無し    |               | 0.5     | -       | 1           | 1       |
|     |       |               | 2.5     | -       | 1,250       |         |
|     |       |               | 5       | -       | 590         |         |
|     |       |               | 10      | -       | -           |         |
| I   | 有り    | 10:40 ~ 11:00 | 0.5     | -       | -           |         |
|     |       |               | 2.5     | -       | 540         |         |
|     |       |               | 5       | -       | 172         |         |
|     |       |               | 10      | -       | 9           | 1       |
| II  | 無し    |               | 0.5     | -       | -           |         |
|     |       |               | 2.5     | -       | 68          |         |



| 整理番号  | 発生時期   | 発生海域     | 赤潮構成種名                      | 発生状況及び発達状況          |   |   |                           |         |         | 最大面積       | 発生水深        | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色 |                             |   |          |
|-------|--------|----------|-----------------------------|---------------------|---|---|---------------------------|---------|---------|------------|-------------|------------------|---------|----|-----------------------------|---|----------|
|       |        |          |                             | Ⅰ                   | Ⅱ | Ⅲ | Ⅳ                         | Ⅴ       | Ⅵ       |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 5                         | -       | 616     |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 10                        | -       | 700     |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 0.5                       | -       | -       |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 2.5                       | -       | -       |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 5                         | -       | 736     |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 10                        | -       | 376     |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 空欄は出現無し、一は採水無し            |         |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 7月11日 調査結果                |         |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 観測時刻                      | 観測層 (m) | 水温 (°C) | カレニア ミキモトイ | ディクチオ カ     | シャットネラ属          |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:30                      | 0.5     |         | 1          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 1          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 380        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:20                      | 0.5     |         | 12         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 23         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         | 145        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 800        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:10                      | 0.5     |         | 3          | 2           |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 8          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         | 9          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 27         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:00                      | 0.5     | -       | -          | -           | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | -       | -          | -           | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 110        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 8:50                      | 0.5     |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 9          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         | 3          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 340        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 8:25                      | 0.5     | 23.5    |            |             |                  | 2       |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | -       | -          | -           | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 23.5    | 1          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 23.5    | 3          |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:45                      | 0.5     | 23.5    |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | -       | -          | -           | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 23.5    |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 23.5    |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 10:30                     | 0.5     |         | 27         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 53         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         | 98         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 175        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 15      |         | 193        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | II                        | 0.5     | -       | -          | -           | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 46         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         | 630        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 155        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | III                       | 0.5     | -       | -          | -           | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         | 10         |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         | 840        |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         | 1,080      |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 空欄は出現無し、一は採水無し            |         |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 7月14日 調査結果                |         |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 観測時刻                      | 観測層 (m) | 水温 (°C) | 塩分         | 有菌種 (細胞/mL) |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:00                      | 0.5     | 23.0    | 32.8       |             | カレニア ミキモトイ       | ディクチオ カ |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | 22.3    | 33.2       | 90          |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 22.2    | 33.3       | 130         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 22.0    | 33.4       | 130         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:20                      | 0.5     | 23.0    | 32.8       |             | 4,600            |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | 22.5    | 33.0       | 3,700       |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 22.2    | 33.2       | 1,330       |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 22.0    | 33.3       | 300         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:40                      | 0.5     | 22.7    | 33.0       |             | 90               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | 22.4    | 33.2       | 210         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 22.2    | 33.2       | 220         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 22.1    | 33.3       | 110         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:50                      | 0.5     |         |            |             | 30               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         |            |             | 140              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             | 170              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         |            |             | 110              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:55                      | 0.5     | 22.5    | 33.2       |             | 5                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | 22.5    | 33.2       | 7           |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 22.4    | 33.2       | 210         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 22.0    | 33.2       | 90          |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 9:55                      | 0.5     | 22.7    | 33.1       |             | 5,700            |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | 22.5    | 33.2       | 1,260       |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 22.3    | 33.3       | 1,440       |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 22.0    | 33.3       | 520         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 10:00                     | 0.5     | -       | -          |             | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     |         |            |             | 720              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             | 20               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         |            |             | -                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 10:05                     | 0.5     | 22.8    | 33.0       |             | 280              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 2.5     | 22.5    | 33.2       | 580         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       | 22.2    | 33.3       | 460         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      | 22.0    | 33.4       | 100         |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | I                         | 2.5     |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             | 26               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         |            |             | 53               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 15      |         |            |             | 125              | 1       |    |                             |   |          |
|       |        |          |                             |                     |   |   | II                        | 2.5     |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             | 2                |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         |            |             | 248              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 15      |         |            |             | 426              |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | III                       | 2.5     |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 5       |         |            |             | 58               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 10      |         |            |             | 18               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   |                           | 15      |         |            |             | 26               |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 空欄は出現無し、一は採水無し            |         |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 7月16日 最高細胞数 1,100cells/mL |         |         |            |             |                  |         |    |                             |   |          |
|       |        |          |                             |                     |   |   | 7月18日 着色域確認されず終息。         |         |         |            |             |                  |         |    |                             |   |          |
| NS-19 | 7月8日 ~ | 九州西部 有明海 | <i>Heterosigma akashiwo</i> | 7月8日 熊本湾で着色域確認。調査結果 |   |   |                           |         |         |            |             |                  | 不明      | 表層 | <i>Heterosigma akashiwo</i> | 無 | 24<br>33 |



| 整理番号  | 発生時期                         | 発生海域                  | 赤潮構成種名   | 発生状況及び発達状況  |                           | 最大面積            | 発生水深  | 最高細胞数 (cells/ml)          | 漁業被害の有無                   | 水色  |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|---|------------------------------|-----------------------|--|---|---------------------------|-----------------|---|---------------------------|---------------------------|---|------|----------------|--------|---------|--|----------------------------------|--------|--------|------|------|------|-------|-------|----------|------|--------|-------|-------|-----|-------|-------|-------|-------|------|------|--------|-----|-------|------|----|--------|-----|---|-------|--|--|--|
|   |                              |                       |  | 細胞数 (cell/ml)   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   | 7月22日<br>(15日間)              | 熊本湾                   | 微細藻類<br>(クリプト藻主体)  | <table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>微細藻類</th> <th>ヘテロシグマ<br/>アカシオ</th> </tr> </thead> <tbody> <tr> <td>①小長井町東</td> <td>28.4</td> <td>6.3</td> <td>0</td> <td>0</td> </tr> <tr> <td>②小長井中央</td> <td>23.7</td> <td>17.7</td> <td>0</td> <td>0</td> </tr> <tr> <td>③大正港</td> <td>26.1</td> <td>18.5</td> <td>13,600</td> <td>200</td> </tr> <tr> <td>④西郷港</td> <td>27</td> <td>12.3</td> <td>9,900</td> <td>5,900</td> </tr> <tr> <td>⑤多比良港</td> <td>28.8</td> <td>19.2</td> <td>18,450</td> <td>400</td> </tr> <tr> <td>⑥湯江漁港</td> <td>27.5</td> <td>17</td> <td>22,800</td> <td>630</td> </tr> </tbody> </table> |                           |                 |   | 調査点                       | 水温 (°C)                   | 塩分 (psu)  | 微細藻類 | ヘテロシグマ<br>アカシオ | ①小長井町東 | 28.4    | 6.3  | 0                                | 0      | ②小長井中央 | 23.7 | 17.7 | 0    | 0     | ③大正港  | 26.1     | 18.5 | 13,600 | 200   | ④西郷港  | 27  | 12.3  | 9,900 | 5,900 | ⑤多比良港 | 28.8 | 19.2 | 18,450 | 400 | ⑥湯江漁港 | 27.5 | 17 | 22,800 | 630 |  | 5,900 |  |  |  |
|   |                              |                       |  | 調査点   | 水温 (°C)                   | 塩分 (psu)        | 微細藻類  | ヘテロシグマ<br>アカシオ            |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       |  | ①小長井町東  | 28.4                      | 6.3             | 0   | 0                         |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       |  | ②小長井中央  | 23.7                      | 17.7            | 0   | 0                         |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       |  | ③大正港  | 26.1                      | 18.5            | 13,600  | 200                       |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ④西郷港  | 27                           | 12.3                  | 9,900  | 5,900   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ⑤多比良港   | 28.8                         | 19.2                  | 18,450   | 400   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ⑥湯江漁港   | 27.5                         | 17                    | 22,800   | 630   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| 7月11日 調査結果  |                              |                       |  |    |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
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| 調査点   | 水温 (°C)                      | 塩分 (psu)              | 微細藻類 (cells/mL)  |   | ヘテロシグマ<br>アカシオ (cells/mL) |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ①小長井町東切港  | 25.5                         | 23.1                  | 4,300  |   | 0                         |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ②小長井中央港   | 23.9                         | 23.9                  | 1,000  |   | 0                         |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ③大正港  | 24.4                         | 27                    | 4,300  | 76  |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ④西郷港  | 24.9                         | 23.1                  | 4,250  | 130   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ⑤湯江漁港   | 24.9                         | 22.8                  | 3,900  | 2   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| 7月14日 調査結果  |                              |                       |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
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| 調査点   | 水温 (°C)                      | 塩分 (psu)              | 微細藻類   | ヘテロシグマ<br>アカシオ  |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ①大正港  | 24.4                         | 28.4                  | 1,300  | 0   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ②西郷港  | 24.3                         | 27.1                  | 15,700   | 300   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| 7月15日 調査結果  |                              |                       |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
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| 調査点   | 水温 (°C)                      | 塩分 (psu)              | 微細藻類   | ヘテロシグマ<br>アカシオ  |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ①小長井町東切港  | 24.7                         | 23.8                  | 15,100   | 600   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ②小長井中央港   | 24.6                         | 21.7                  | 3,025  | 325   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ③西郷港  | 24.1                         | 27.7                  | 1,030  | 0   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ④湯江(カキ筏)  |                              |                       | 2,975  | 250   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| 7月22日 着色域確認されず終息。   |                              |                       |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| NS-20   | 7月7日<br>~<br>7月17日<br>(11日間) | 九州西部<br>九十九島<br>船越地先  | <i>Karenia mikimotoi</i><br><i>Prorocentrum dentatum</i> | 7月7日 船越地先に着色域を確認。<br><i>Prorocentrum dentatum</i> の最高細胞数 24,700cells/mL<br>7月8日 <i>Karenia mikimotoi</i> の最高細胞数 280cells/mL<br><i>Prorocentrum dentatum</i> の最高細胞数 10,100cells/mL<br>7月14日 着色域確認されず終息。  | 不明                        | 表層<br>~<br>2.5m | <i>Karenia mikimotoi</i><br>280<br><i>Prorocentrum dentatum</i><br>24,700 | 無                         | 15                        |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| NS-21   | 7月12日<br>~<br>7月14日<br>(3日間) | 九州西部<br>九十九島<br>歌ヶ浦地先 | <i>Cochlodinium polykrikoides</i>                        | 7月12日 歌ヶ浦地先に着色域を確認。<br>最高細胞数3,500cells/mL<br>最高細胞数118cells/mL<br>7月14日 最高細胞数118cells/mL<br>7月14日 着色域確認されず終息。  | 不明                        | 表層<br>~<br>5m   | <i>Cochlodinium polykrikoides</i><br>3,500                                | 無                         | 15                        |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       |  |   |                           |                 |   |                           |                           |  |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| NS-22   | 7月21日<br>~<br>7月28日<br>(8日間) | 九州西部<br>九十九島<br>矢岳~楠泊 | <i>Myrionecta rubra</i>                                  | 7月21日 矢岳と楠泊で着色域を確認。<br>7月22日 調査結果<br><table border="1"> <thead> <tr> <th>定点</th> <th>水深 (m)</th> <th>cells/mL</th> </tr> </thead> <tbody> <tr> <td>①</td> <td>0</td> <td>9,200</td> </tr> <tr> <td>②</td> <td>0</td> <td>6,000</td> </tr> </tbody> </table> 7月28日 着色域確認されず終息。   | 定点                        | 水深 (m)          | cells/mL  | ①                         | 0                         | 9,200   | ②    | 0              | 6,000  | 不明      | 表層   | <i>Myrionecta rubra</i><br>9,200 | 無      | 18     |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| 定点  | 水深 (m)                       | cells/mL              |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ①   | 0                            | 9,200                 |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| ②   | 0                            | 6,000                 |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       |  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| NS-23   | 7月22日<br>~<br>7月25日<br>(4日間) | 九州西部<br>有明海<br>熊本湾    | <i>Heterosigma akashiwo</i><br><i>Skelatonema</i> spp.   | 7月22日 熊本湾東部で着色域を確認。<br>調査結果<br><table border="1"> <thead> <tr> <th>調査点</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> <th>ヘテロシグマ<br/>アカシオ (cells/mL)</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td>5,370</td> </tr> </tbody> </table>   | 調査点                       | 水温 (°C)         | 塩分 (psu)  | ヘテロシグマ<br>アカシオ (cells/mL) |                           |   |      | 5,370          | 不明     | 表層      | <i>Heterosigma akashiwo</i><br>5,370<br><i>Skelatonema</i> | 無                                | 24     |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
| 調査点   | 水温 (°C)                      | 塩分 (psu)              | ヘテロシグマ<br>アカシオ (cells/mL)                                |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |
|   |                              |                       | 5,370  |   |                           |                 |   |                           |                           |   |      |                |        |         |  |                                  |        |        |      |      |      |       |       |          |      |        |       |       |     |       |       |       |       |      |      |        |     |       |      |    |        |     |   |       |  |  |  |

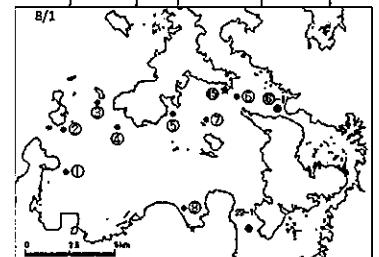




| 整理番号 | 発生時期 | 発生海域 | 赤潮構成種名 | 発生状況及び発達状況 |      |      |       |       |     | 最大面積  | 発生水深 | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色 |
|------|------|------|--------|------------|------|------|-------|-------|-----|-------|------|------------------|---------|----|
|      |      |      |        | 5          | 10   | 12   | 0.5   | 5     | 10  |       |      |                  |         |    |
|      |      |      |        | 5          | 26.2 | 33.2 | 0.42  |       | 200 |       |      |                  |         |    |
|      |      |      |        | 10         | 24.9 | 33.3 | 0.58  |       | 170 |       |      |                  |         |    |
|      |      |      |        | 12         | 24.3 | 33.3 | 12.63 | 10    | 140 |       |      |                  |         |    |
|      |      |      |        | ⑧          | 0.5  | 28.0 | 33.2  | 0.90  |     | 1,440 |      |                  |         |    |
|      |      |      |        | 5          | 26.0 | 33.3 | 0.58  |       | 100 |       |      |                  |         |    |
|      |      |      |        | 10         | 24.1 | 33.5 | 0.99  |       | 120 |       |      |                  |         |    |
|      |      |      |        | 12         | 24.0 | 33.5 | 11.77 | 78    | 80  |       |      |                  |         |    |
|      |      |      |        | ⑥-1        | 0.5  | 28.9 | 31.8  | 0.76  |     | 85    |      |                  |         |    |
|      |      |      |        | 5          | 25.2 | 33.2 | 0.85  |       | 50  |       |      |                  |         |    |
|      |      |      |        | 7.5        | 25.0 | 33.2 | 28.05 | 1,340 | 71  |       |      |                  |         |    |
|      |      |      |        | 10         | 24.8 | 33.3 | 6.06  | 740   | 47  |       |      |                  |         |    |
|      |      |      |        | 22-1       | 0.5  | 27.9 | 32.1  | 1.08  |     | 127   |      |                  |         |    |
|      |      |      |        | 5          | 25.6 | 33.3 | 0.58  | 1     | 144 |       |      |                  |         |    |
|      |      |      |        | 10         | 24.8 | 33.4 | 0.55  |       | 125 |       |      |                  |         |    |
|      |      |      |        | ⑬          | 10   | 24.7 | 33.3  | 12.47 | 187 | 270   |      |                  |         |    |

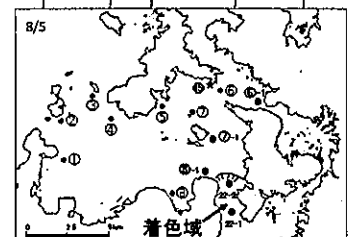
8月1日 調査結果

| 調査点  | 有害種 (細胞/mL)   |                |            | 無害種 (細胞/mL) |     | 珪藻類 |
|------|---------------|----------------|------------|-------------|-----|-----|
|      | カレニア<br>ミキモトイ | ヘテロシグマ<br>アカソソ | クロコ<br>シロコ | クラチウム属      | 珪藻類 |     |
| ①    |               |                |            |             |     | 50  |
|      |               |                |            |             |     | 60  |
|      | 90            |                | 3          |             |     | 130 |
| ②    | 2             |                |            |             |     | 50  |
|      |               |                |            |             |     | 120 |
|      | 120           |                |            |             |     | 250 |
| ③    | 2             |                | 2          |             |     | 120 |
|      |               |                | 2          |             |     | 180 |
|      | 190           |                |            |             |     | 80  |
| ④    |               | 2              |            |             |     | 120 |
|      |               |                |            |             |     | 72  |
|      |               |                |            |             |     | 36  |
|      | 90            | 1              | 1          |             |     | 43  |
| ⑤    |               |                | 2          |             |     | 10  |
|      |               |                | 1          |             |     | 14  |
|      | 2             |                | 4          | 1           |     | 22  |
|      | 480           |                | 7          |             |     | 35  |
| ⑥    | 60            |                | 3          | 1           |     | 13  |
|      |               |                |            |             |     | 33  |
|      | 1,640         |                | 1          |             |     | 8   |
|      | 240           |                |            | 1           |     | 22  |
| ⑥-1  | 24            |                | 2          | 2           |     | 41  |
|      | 2             |                | 2          |             |     | 22  |
|      | 330           |                | 1          |             |     | 58  |
|      | 1,450         |                | 2          |             |     | 21  |
| ⑦    | 130           |                | 1          | 1           |     | 44  |
|      |               |                |            |             |     | 28  |
|      | 3             |                | 1          | 2           |     | 11  |
| ⑧    | 4,400         |                |            |             |     |     |
|      | 800           |                |            | 1           |     |     |
|      |               |                |            |             |     |     |
| ⑨    | 750           |                |            |             |     |     |
|      | 26            |                |            |             |     |     |
|      |               |                |            |             |     | 23  |
| 22-1 | 3,000         |                |            |             |     | 23  |
|      | 1,200         |                |            | 1           |     | 6   |
|      | 160           |                |            |             |     |     |
| ⑩    |               |                |            |             |     |     |
|      | 48            |                |            |             |     |     |
|      | 2,550         |                |            |             |     |     |



8月5日 調査結果

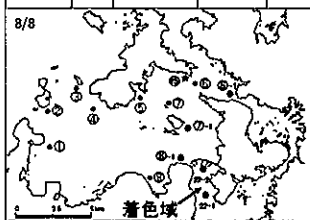
| 採水点 | 採水深 (m) | 水温 (°C) | 塩分   | カレニア<br>ミキモトイ (細胞/mL) |             |
|-----|---------|---------|------|-----------------------|-------------|
|     |         |         |      | 珪藻類 (細胞/mL)           | 珪藻類 (細胞/mL) |
| ①   | 0.5     | 24.0    | 32.3 |                       | 31          |
|     | 2.5     | 23.9    | 33.2 |                       |             |
|     | 5       | 23.9    | 33.4 |                       | 5           |
|     | 10      | 23.9    | 33.5 |                       | 6           |
| ②   | 0.5     | 24.1    | 32.9 |                       | 23          |
|     | 2.5     | 24.1    | 33.1 |                       | 64          |
|     | 5       | 24.1    | 33.4 |                       | 32          |
|     | 10      | 23.8    | 33.5 | 1                     | 7           |
| ③   | 0.5     | 24.2    | 32.7 |                       | 17          |
|     | 2.5     | 24.2    | 32.8 |                       | 59          |
|     | 5       | 24.0    | 33.3 |                       | 22          |
|     | 10      | 24.0    | 33.4 |                       | 12          |
| ④   | 0.5     | 24.2    | 32.7 | 1                     | 9           |
|     | 2.5     | 24.2    | 32.7 | 1                     | 12          |
|     | 5       | 24.2    | 32.8 |                       | 8           |
|     | 10      | 24.2    | 33.1 |                       | 8           |
| ⑤   | 0.5     | 24.9    | 31.7 | 3                     |             |
|     | 2.5     | 24.9    | 31.9 |                       |             |
|     | 5       | 24.6    | 32.6 |                       | 2           |
|     | 10      | 23.7    | 33.3 |                       |             |
| ⑬   | 0.5     | 24.8    | 29.1 |                       | 4           |
|     | 2.5     | 24.8    | 29.2 |                       | 7           |
|     | 5       | 24.9    | 26.7 | 2                     | 4           |



| 整理番号 | 発生時期 | 発生海域 | 赤潮構成種名 | 発生状況及び発現状況 |      |      |        |    |    | 最大面積 | 発生水深 | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色 |
|------|------|------|--------|------------|------|------|--------|----|----|------|------|------------------|---------|----|
|      |      |      |        | 2.5        | 5    | 10   | 2.5    | 5  | 10 |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.9 | 30.3 | 3      | 7  |    |      |      |                  |         |    |
|      |      |      |        | 5          | 24.7 | 32.4 |        |    |    |      |      |                  |         |    |
|      |      |      |        | 10         | 23.7 | 33.3 |        |    |    |      |      |                  |         |    |
|      |      |      | ⑥-1    | 0.5        | 25.0 | 30.3 |        |    |    |      |      |                  |         |    |
|      |      |      |        | 2.5        |      |      |        |    |    |      |      |                  |         |    |
|      |      |      |        | 5          | 25.1 | 31.4 |        | 5  |    |      |      |                  |         |    |
|      |      |      |        | 10         | 23.9 | 33.2 |        |    |    |      |      |                  |         |    |
|      |      |      | ⑦      | 0.5        | 24.8 | 31.3 | 1      | 10 |    |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.5 | 32.1 |        | 20 |    |      |      |                  |         |    |
|      |      |      |        | 5          | 24.2 | 32.7 |        | 20 |    |      |      |                  |         |    |
|      |      |      |        | 10         | 23.9 | 33.2 | 1      | 10 |    |      |      |                  |         |    |
|      |      |      | ⑦-1    | 0.5        | 24.6 | 29.9 |        | 9  |    |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.6 | 31.5 |        |    |    |      |      |                  |         |    |
|      |      |      | 22-1   | 0.5        | 25.0 | 26.5 | 19,300 |    |    |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.5 | 31.6 | 80     |    |    |      |      |                  |         |    |
|      |      |      |        | 5          | 24.4 | 32.3 | 1      | 36 |    |      |      |                  |         |    |
|      |      |      |        | 10         | 23.9 | 33.2 | 3      |    |    |      |      |                  |         |    |
|      |      |      | 22-2   | 0.5        | 24.9 | 25.8 | 11,100 |    |    |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.6 | 30.9 | 34     | 2  |    |      |      |                  |         |    |
|      |      |      | ⑧-1    | 0.5        | 24.5 | 29.1 | 26     |    |    |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.5 | 31.9 | 30     |    |    |      |      |                  |         |    |
|      |      |      | ⑧      | 0.5        | 24.3 | 26.6 | 15     | 30 |    |      |      |                  |         |    |
|      |      |      |        | 2.5        | 24.4 | 32.0 | 260    | 50 |    |      |      |                  |         |    |
|      |      |      |        | 5          | 24.3 | 32.4 | 31     | 40 |    |      |      |                  |         |    |
|      |      |      |        | 10         | 23.9 | 33.0 | 28     | 80 |    |      |      |                  |         |    |

8月8日 調査結果

| 調査点  | 観測層 (m) | 加-P<br>シロM | 干貯仁の<br>属 | ホウリウ<br>属 | シロウ<br>属 | 珪藻類 |
|------|---------|------------|-----------|-----------|----------|-----|
| ①    | 0.5     | 2          |           |           | 3        | 170 |
|      | 2.5     |            |           |           | 15       | 240 |
|      | 5       |            |           |           | 20       | 150 |
|      | 11.5    | 4          |           |           | 1        | 50  |
| ②    | 0.5     | 1          |           |           | 36       | 220 |
|      | 2.5     |            |           |           | 23       | 170 |
|      | 5       |            |           |           | 25       | 50  |
|      | 10      |            | 1         |           | 2        | 80  |
| ③    | 0.5     |            | 1         |           | 3        | 230 |
|      | 2.5     | 1          |           |           | 4        | 30  |
|      | 5       |            |           |           | 5        |     |
|      | 10      |            |           |           | 4        | 10  |
| ④    | 0.5     |            |           |           |          | 136 |
|      | 2.5     | 1          |           |           |          | 70  |
|      | 5       | 2          |           |           |          | 45  |
|      | 10      | 1          |           |           |          | 75  |
| ⑤    | 0.5     |            |           |           |          | 160 |
|      | 2.5     |            |           |           |          | 80  |
|      | 5       |            |           |           |          | 90  |
|      | 10      | 2          |           |           |          | 70  |
| ⑥    | 0.5     | 1          | 1         |           |          | 48  |
|      | 2.5     |            |           |           |          | 111 |
|      | 5       | 1          |           |           |          | 33  |
|      | 10      | 6          | 1         |           |          | 52  |
| ⑥    | 0.5     | 3          | 2         |           |          | 280 |
|      | 2.5     | 1          |           |           |          | 29  |
|      | 5       | 820        |           |           |          | 93  |
|      | 10      | 270        |           |           |          | 57  |
| ⑥-1  | 0.5     |            |           |           |          | 480 |
|      | 2.5     | 17         |           |           |          | 700 |
|      | 5       | 9          |           |           |          | 54  |
|      | 10      | 1          |           |           |          | 11  |
| ⑦    | 0.5     | 19         | 2         |           |          | 74  |
|      | 2.5     | 16         | 6         |           |          | 940 |
|      | 5       | 8          | 2         |           |          | 25  |
|      | 10      | 3          |           |           |          | 38  |
| ⑦-1  | 0.5     | 14         | 1         |           |          | 73  |
|      | 2.5     | 23         |           |           |          | 150 |
|      | 5       | 19         | 10        | 4         |          | 75  |
|      | 10      | 16         | 2         |           |          | 52  |
| 22-1 | 0.5     | 180        |           | 4         |          | 19  |
|      | 2       | 1,560      | 9         | 12        |          | 8   |
|      | 5       | 780        | 9         | 4         |          | 42  |
|      | 10      | 120        | 3         |           |          | 18  |
| 22-2 | 0.5     | 19         |           |           |          | 17  |
|      | 2.5     | 200        | 10        | 8         |          |     |
| ⑧-1  | 0.5     |            |           |           |          |     |
|      | 2.5     |            |           |           |          |     |
|      | 5       | 63         |           |           |          | 350 |
|      | 10      | 30         |           |           |          | 460 |
| ⑧    | 0.5     | 230        |           |           |          | 330 |
|      | 2.5     |            |           |           |          |     |
|      | 5       |            |           |           |          |     |
|      | 10      | 9          |           |           |          | 300 |



8月12日 調査結果

| 調査点 | 観測層 (m) | 有害種 (細胞/mL) |              | 無害種 (細胞/mL) |           | 珪藻類 |
|-----|---------|-------------|--------------|-------------|-----------|-----|
|     |         | 加-P<br>シロM  | ヤマトコ<br>Pテイカ | 干貯仁の<br>属   | ホウリウ<br>属 |     |
| ①   | 0.5     | 1           |              |             |           | 400 |
|     | 2.5     |             |              |             |           | 660 |
|     | 5       |             |              | 1           |           | 260 |
| ②   | 13      |             |              |             |           | 220 |
|     | 0.5     |             |              |             |           | 320 |
|     | 2.5     |             |              |             |           | 340 |
|     | 5       |             |              |             |           | 210 |
| ③   | 10      |             |              |             |           | 150 |
|     | 0.5     |             |              |             |           | 260 |
|     | 2.5     |             |              | 1           |           | 120 |
|     | 5       |             |              |             |           | 150 |
| ④   | 10      |             |              |             |           | 180 |
|     | 0.5     |             |              |             |           | 210 |
|     | 2.5     |             |              |             |           | 330 |
| 5   |         |             |              |             | 280       |     |

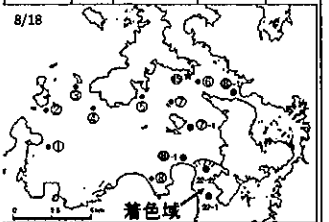
| 整理番号 | 発生時期 | 発生海域 | 赤潮構成種名 | 発生状況及び発達状況 |       |    |     |      |     |     | 最大面積 | 発生水深 | 最高細胞数 (cells/ml) | 漁業被害の有無 | 水色 |
|------|------|------|--------|------------|-------|----|-----|------|-----|-----|------|------|------------------|---------|----|
|      |      |      |        | 観測層        | 水温    | 塩分 | 加二P | チロシム | 珪藻類 | 備考  |      |      |                  |         |    |
|      |      |      |        | 10         |       |    |     |      |     | 310 |      |      |                  |         |    |
|      |      |      |        | 0.5        | 4     |    |     |      |     | 177 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 147 |      |      |                  |         |    |
|      |      |      |        | 5          |       |    |     |      |     | 277 |      |      |                  |         |    |
|      |      |      |        | 10         |       |    |     |      |     | 178 |      |      |                  |         |    |
|      |      |      |        | 0.5        |       |    |     | 1    |     | 420 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 152 |      |      |                  |         |    |
|      |      |      |        | 5          |       |    |     |      | 4   | 82  |      |      |                  |         |    |
|      |      |      |        | 9          | 44    |    |     | 1    |     | 29  |      |      |                  |         |    |
|      |      |      |        | 0.5        |       |    |     |      |     | 193 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 253 |      |      |                  |         |    |
|      |      |      |        | 5          | 6     |    |     |      |     | 140 |      |      |                  |         |    |
|      |      |      |        | 10         | 42    |    |     |      |     | 138 |      |      |                  |         |    |
|      |      |      |        | 0.5        |       |    |     |      |     | 117 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 165 |      |      |                  |         |    |
|      |      |      |        | 5          | 2     |    |     |      |     | 119 |      |      |                  |         |    |
|      |      |      |        | 10         |       |    |     |      |     | 55  |      |      |                  |         |    |
|      |      |      |        | 0.5        |       |    |     |      |     | 200 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 179 |      |      |                  |         |    |
|      |      |      |        | 5          |       |    |     |      |     | 201 |      |      |                  |         |    |
|      |      |      |        | 10         | 24    |    |     |      |     | 74  |      |      |                  |         |    |
|      |      |      |        | 0.5        |       |    |     |      |     | 171 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 287 |      |      |                  |         |    |
|      |      |      |        | 5          |       |    |     | 1    |     | 89  |      |      |                  |         |    |
|      |      |      |        | 7          | 21    |    |     | 1    | 4   | 113 |      |      |                  |         |    |
|      |      |      |        | 10         | 4     |    |     |      |     | 117 |      |      |                  |         |    |
|      |      |      |        | 0.5        | 4     |    |     |      |     | 103 |      |      |                  |         |    |
|      |      |      |        | 2          |       |    |     |      |     | 191 |      |      |                  |         |    |
|      |      |      |        | 5          | 400   | 1  |     |      |     | 64  |      |      |                  |         |    |
|      |      |      |        | 10         | 6     |    |     |      |     | 52  |      |      |                  |         |    |
|      |      |      |        | 0.5        |       |    |     |      |     | 97  |      |      |                  |         |    |
|      |      |      |        | 2          | 7     |    |     |      |     | 139 |      |      |                  |         |    |
|      |      |      |        | 4          | 1,200 |    |     |      | 8   | 112 |      |      |                  |         |    |
|      |      |      |        | 10         | 351   |    |     |      |     | 59  |      |      |                  |         |    |
|      |      |      |        | 0.5        | 2     |    |     |      |     | 164 |      |      |                  |         |    |
|      |      |      |        | 2.5        |       |    |     |      |     | 151 |      |      |                  |         |    |
|      |      |      |        | 5          | 1     |    |     |      |     | 194 |      |      |                  |         |    |
|      |      |      |        | 8.5        | 250   |    |     |      |     | 145 |      |      |                  |         |    |

\*空欄は出現無し

8月18日 調査結果

| 調査点  | 観測層 (m) | 水温 (°C) | 塩分   | 加二P (μg/L) | チロシム (μg/L) | 珪藻類 (cells/ml) |
|------|---------|---------|------|------------|-------------|----------------|
| ①    | 0.5     | 25.2    | 31.6 |            |             | 192            |
|      | 2.5     | 25.1    | 31.9 |            |             | 102            |
|      | 4       | 24.1    | 33.3 |            |             | 269            |
|      | 10      | 23.7    | 33.5 |            |             | 505            |
| ②    | 0.5     | 25.2    | 31.7 |            |             | 219            |
|      | 2.5     | 25.2    | 31.8 |            |             | 60             |
|      | 5       | 24.4    | 33.0 |            |             | 97             |
|      | 10      | 23.8    | 33.5 |            |             | 176            |
| ③    | 0.5     | 25.9    | 31.1 |            |             | 400            |
|      | 2.5     | 25.9    | 31.2 |            |             | 240            |
|      | 5       | 24.5    | 32.9 |            |             | 239            |
|      | 10      | 23.7    | 33.5 |            |             | 331            |
| ④    | 0.5     | 26.3    | 30.9 |            |             | 320            |
|      | 5       | 24.4    | 33.0 |            |             | 330            |
|      | 7       | 24.0    | 33.3 |            |             | 540            |
|      | 10      | 23.9    | 33.4 |            |             | 670            |
| ⑤    | 0.5     | 25.6    | 31.4 |            |             | 170            |
|      | 5       | 25.5    | 31.6 |            |             | 110            |
|      | 7       | 24.1    | 33.3 |            |             | 610            |
|      | 10      | 23.7    | 33.4 |            |             | 530            |
| ⑥    | 0.5     | 25.5    | 30.7 |            | 2           | 227            |
|      | 2.5     | 25.5    | 30.7 |            |             | 157            |
|      | 5       | 25.5    | 30.7 |            | 1           | 77             |
|      | 10      | 23.7    | 33.4 |            |             | 129            |
| ⑦    | 0.5     | 25.7    | 30.4 |            |             | 199            |
|      | 2.5     | 25.4    | 31.0 |            |             | 161            |
|      | 5       | 25.1    | 31.9 |            |             | 382            |
|      | 10      | 23.9    | 33.3 |            |             | 205            |
| ⑧-1  | 0.5     | 26.6    | 29.1 |            |             | 94             |
|      | 2.5     | 26.0    | 30.2 | 2          |             | 119            |
|      | 5       | 24.7    | 32.6 | 18         |             | 90             |
|      | 10      | 23.9    | 33.3 |            |             | 243            |
| ⑨    | 0.5     | 25.6    | 31.4 |            |             | 160            |
|      | 5       | 25.1    | 32.0 |            |             | 154            |
|      | 7       | 24.1    | 33.2 | 1          |             | 337            |
|      | 10      | 23.7    | 33.4 |            |             | 182            |
| ⑩-1  | 0.5     | 25.4    | 30.9 |            |             | 65             |
|      | 2.5     | 25.2    | 31.0 |            |             | 107            |
|      | 5       | 24.5    | 32.9 |            |             | 240            |
|      | 10      | 23.7    | 33.5 |            |             | 52             |
| 22-1 | 0.5     | 26.1    | 27.5 | 1,410      |             | 34             |
|      | 2.5     | 25.1    | 31.1 | 96         |             | 47             |
|      | 5       | 24.2    | 33.1 | 48         |             | 46             |
|      | 10      | 23.7    | 33.5 | 11         |             | 53             |
| 22-2 | 0.5     | 25.8    | 27.9 | 67         |             | 230            |
|      | 2.5     | 25.0    | 30.9 | 42         |             | 87             |
|      | 5       | 24.1    | 33.2 | -          | -           | -              |
|      | 10      | 23.8    | 33.4 | -          | -           | -              |
| ⑪    | 0.5     | 25.6    | 32.6 |            |             | 165            |
|      | 2.5     | 24.8    | 33.1 |            |             | 225            |
|      | 5       | 24.0    | 33.4 |            |             | 420            |
|      | 10      | 23.8    | 33.5 |            |             | 375            |

\*空欄は出現無し、-は不明、採水無し



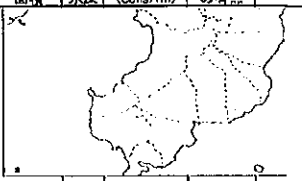
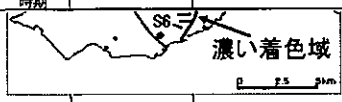
8月21日 調査結果

| 地点  | 観測層 | 水温   | 加二P (μg/L) | 有害種 (細胞/ml) |      |      |
|-----|-----|------|------------|-------------|------|------|
|     |     |      |            | シアロキリン酸     | ジロシム | チロシム |
| M-1 | 1   | 25.0 |            |             |      |      |
|     | 5   | -    |            |             |      |      |
|     | 10  | -    |            |             |      |      |
| M-2 | 1   | 25.5 | 3          |             |      |      |
|     | 5   | -    | 42         |             |      |      |
|     | 10  | -    | 46         |             |      |      |

| 整理番号                   | 発生時期                             | 発生海域                | 赤潮構成種名                     | 発生状況及び発達状況  |    |       |            |     |   | 最大面積 | 発生水深 | 最高細胞数<br>(cells/ml) | 漁業被害の有無 | 水色                     |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|------------------------|----------------------------------|---------------------|----------------------------|---|----|-------|------------|-----|---|------|------|---------------------|---------|------------------------|-----------|-----------------------|-----|------|-------|------------------------|-----------------|-----|--------|----|-------------------|-----------------|-----|--------|---|-------------------|----------------|-----|--------|-----|-----------|----------------------------|-----|--------|-------|-----------|--------------|-----|--------|----|-----|----|--------|--------|------------------------|----|-----------------|-----|--------|---|-----|----------------|-----|--------|----|---|----------------|-----|--------|---|----|----------------|-----|--------|---|-----|----------------|-----|--------|----|-------|--|----|--------|---|-------|--|----|--------|---|-------|--|-----|--------|---|--------|----------------------------|-----|--------|-----|--------|--|----|--------|---|--------|----|-----|--------|---|-----|----|--------|--------|------------------------|---------------------|----------------------|-----|--------|----|--------------|---------------------|-----|--------|----|-----|-------------|-----|--------|----|----|-----------------|-------------------------------------|--------|----------------|----|----|----|----------|-----|-----|----|-----|----------|-----|---|----|-----|----------|-----|---|-----|-----|----------|-----|----|----|----|--------|---|-----|---|-----|--------|---|---|---|----|--------|---|----|--|----|----------|-----|-----|---|-----|----------|-----|---|---|-----|----------|-----|----|---|-----|-----------|------|-----|---|-----|-----------|------|---|---|----|-----------|------|----|---|----|--------|---|-----|---|----|--------|---|---|--|----|--------|---|----|---|----|
|                        |                                  |                     |                            | 1   | 2  | 3     | 4          | 5   | 6 |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | M-3   | 1  | 260   | 2          |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 5  | -     | 280        |     |   | 2    |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 10 | -     |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | M-4   | 1  | 260   | 358        |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 5  | -     | 121        |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 10 | -     | 483        |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | M-5   | 1  | 260   | 1          |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 5  | -     | 22         |     |   |      |      | 1                   |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 10 | -     | 10         |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | M-6   | 1  | 260   | 3,700      |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 5  | -     | 1,000      |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   | 10 | -     | 115        |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | *空欄は出現無し  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | <p>6月26日 着色を確認されず終息</p> <p>調査結果</p> <table border="1"> <thead> <tr> <th>場所</th> <th>定点</th> <th>水深(m)</th> <th>kmikimotoi</th> <th>ケイ濃</th> </tr> </thead> <tbody> <tr><td>伊万里湾 ①</td><td>①</td><td>0.5</td><td></td><td>130</td></tr> <tr><td>伊万里湾 ①</td><td>①</td><td>5</td><td></td><td>60</td></tr> <tr><td>伊万里湾 ①</td><td>①</td><td>10</td><td></td><td>70</td></tr> <tr><td>伊万里湾 ②</td><td>②</td><td>0.5</td><td></td><td>120</td></tr> <tr><td>伊万里湾 ②</td><td>②</td><td>5</td><td>1</td><td>80</td></tr> <tr><td>伊万里湾 ②</td><td>②</td><td>10</td><td></td><td>50</td></tr> <tr><td>伊万里湾 ③</td><td>③</td><td>0.5</td><td>1</td><td>80</td></tr> <tr><td>伊万里湾 ③</td><td>③</td><td>5</td><td></td><td>70</td></tr> <tr><td>伊万里湾 ③</td><td>③</td><td>10</td><td></td><td>60</td></tr> <tr><td>伊万里湾 ④</td><td>④</td><td>0.5</td><td></td><td>160</td></tr> <tr><td>伊万里湾 ④</td><td>④</td><td>5</td><td></td><td>80</td></tr> <tr><td>伊万里湾 ④</td><td>④</td><td>10</td><td></td><td>50</td></tr> <tr><td>伊万里湾 ⑤</td><td>⑤</td><td>0.5</td><td></td><td>230</td></tr> <tr><td>伊万里湾 ⑤</td><td>⑤</td><td>5</td><td>1</td><td>120</td></tr> <tr><td>伊万里湾 ⑤</td><td>⑤</td><td>10</td><td></td><td>70</td></tr> <tr><td>伊万里湾 ⑮</td><td>⑮</td><td>0.5</td><td>29</td><td>266</td></tr> <tr><td>伊万里湾 ⑮</td><td>⑮</td><td>5</td><td>42</td><td>178</td></tr> <tr><td>伊万里湾 ⑮</td><td>⑮</td><td>10</td><td>5</td><td>111</td></tr> <tr><td>伊万里湾 ⑯</td><td>⑯</td><td>0.5</td><td>6</td><td>540</td></tr> <tr><td>伊万里湾 ⑯</td><td>⑯</td><td>3</td><td>170</td><td>610</td></tr> <tr><td>伊万里湾 ⑯</td><td>⑯</td><td>5</td><td>185</td><td>420</td></tr> <tr><td>伊万里湾 ⑯</td><td>⑯</td><td>10</td><td>35</td><td>70</td></tr> <tr><td>伊万里湾 ⑯-1</td><td>⑯-1</td><td>0.5</td><td>31</td><td>315</td></tr> <tr><td>伊万里湾 ⑯-1</td><td>⑯-1</td><td>3</td><td>86</td><td>283</td></tr> <tr><td>伊万里湾 ⑯-1</td><td>⑯-1</td><td>5</td><td>124</td><td>133</td></tr> <tr><td>伊万里湾 ⑯-1</td><td>⑯-1</td><td>10</td><td>16</td><td>66</td></tr> <tr><td>伊万里湾 ⑰</td><td>⑰</td><td>0.5</td><td>2</td><td>510</td></tr> <tr><td>伊万里湾 ⑰</td><td>⑰</td><td>5</td><td>1</td><td>60</td></tr> <tr><td>伊万里湾 ⑰</td><td>⑰</td><td>10</td><td></td><td>50</td></tr> <tr><td>伊万里湾 ⑰-1</td><td>⑰-1</td><td>0.5</td><td>8</td><td>392</td></tr> <tr><td>伊万里湾 ⑰-1</td><td>⑰-1</td><td>5</td><td>1</td><td>185</td></tr> <tr><td>伊万里湾 ⑰-1</td><td>⑰-1</td><td>10</td><td>2</td><td>100</td></tr> <tr><td>伊万里湾 22-1</td><td>22-1</td><td>0.5</td><td>3</td><td>100</td></tr> <tr><td>伊万里湾 22-1</td><td>22-1</td><td>5</td><td>1</td><td>70</td></tr> <tr><td>伊万里湾 22-1</td><td>22-1</td><td>10</td><td>3</td><td>90</td></tr> <tr><td>伊万里湾 ⑱</td><td>⑱</td><td>0.5</td><td>1</td><td>57</td></tr> <tr><td>伊万里湾 ⑱</td><td>⑱</td><td>5</td><td></td><td>82</td></tr> <tr><td>伊万里湾 ⑱</td><td>⑱</td><td>10</td><td>1</td><td>38</td></tr> </tbody> </table> |    |       |            |     |   |      |      |                     |         |                        |           |                       |     | 場所   | 定点    | 水深(m)                  | kmikimotoi      | ケイ濃 | 伊万里湾 ① | ①  | 0.5               |                 | 130 | 伊万里湾 ① | ① | 5                 |                | 60  | 伊万里湾 ① | ①   | 10        |                            | 70  | 伊万里湾 ② | ②     | 0.5       |              | 120 | 伊万里湾 ② | ②  | 5   | 1  | 80     | 伊万里湾 ② | ②                      | 10 |                 | 50  | 伊万里湾 ③ | ③ | 0.5 | 1              | 80  | 伊万里湾 ③ | ③  | 5 |                | 70  | 伊万里湾 ③ | ③ | 10 |                | 60  | 伊万里湾 ④ | ④ | 0.5 |                | 160 | 伊万里湾 ④ | ④  | 5     |  | 80 | 伊万里湾 ④ | ④ | 10    |  | 50 | 伊万里湾 ⑤ | ⑤ | 0.5   |  | 230 | 伊万里湾 ⑤ | ⑤ | 5      | 1                          | 120 | 伊万里湾 ⑤ | ⑤   | 10     |  | 70 | 伊万里湾 ⑮ | ⑮ | 0.5    | 29 | 266 | 伊万里湾 ⑮ | ⑮ | 5   | 42 | 178    | 伊万里湾 ⑮ | ⑮                      | 10                  | 5                    | 111 | 伊万里湾 ⑯ | ⑯  | 0.5          | 6                   | 540 | 伊万里湾 ⑯ | ⑯  | 3   | 170         | 610 | 伊万里湾 ⑯ | ⑯  | 5  | 185             | 420                                 | 伊万里湾 ⑯ | ⑯              | 10 | 35 | 70 | 伊万里湾 ⑯-1 | ⑯-1 | 0.5 | 31 | 315 | 伊万里湾 ⑯-1 | ⑯-1 | 3 | 86 | 283 | 伊万里湾 ⑯-1 | ⑯-1 | 5 | 124 | 133 | 伊万里湾 ⑯-1 | ⑯-1 | 10 | 16 | 66 | 伊万里湾 ⑰ | ⑰ | 0.5 | 2 | 510 | 伊万里湾 ⑰ | ⑰ | 5 | 1 | 60 | 伊万里湾 ⑰ | ⑰ | 10 |  | 50 | 伊万里湾 ⑰-1 | ⑰-1 | 0.5 | 8 | 392 | 伊万里湾 ⑰-1 | ⑰-1 | 5 | 1 | 185 | 伊万里湾 ⑰-1 | ⑰-1 | 10 | 2 | 100 | 伊万里湾 22-1 | 22-1 | 0.5 | 3 | 100 | 伊万里湾 22-1 | 22-1 | 5 | 1 | 70 | 伊万里湾 22-1 | 22-1 | 10 | 3 | 90 | 伊万里湾 ⑱ | ⑱ | 0.5 | 1 | 57 | 伊万里湾 ⑱ | ⑱ | 5 |  | 82 | 伊万里湾 ⑱ | ⑱ | 10 | 1 | 38 |
|                        |                                  |                     |                            | 場所  | 定点 | 水深(m) | kmikimotoi | ケイ濃 |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | 伊万里湾 ①  | ①  | 0.5   |            | 130 |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | 伊万里湾 ①  | ①  | 5     |            | 60  |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            | 伊万里湾 ①  | ①  | 10    |            | 70  |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ②                 | ②                                | 0.5                 |                            | 120   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ②                 | ②                                | 5                   | 1                          | 80  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ②                 | ②                                | 10                  |                            | 50  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ③                 | ③                                | 0.5                 | 1                          | 80  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ③                 | ③                                | 5                   |                            | 70  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ③                 | ③                                | 10                  |                            | 60  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ④                 | ④                                | 0.5                 |                            | 160   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ④                 | ④                                | 5                   |                            | 80  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ④                 | ④                                | 10                  |                            | 50  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑤                 | ⑤                                | 0.5                 |                            | 230   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑤                 | ⑤                                | 5                   | 1                          | 120   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑤                 | ⑤                                | 10                  |                            | 70  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑮                 | ⑮                                | 0.5                 | 29                         | 266   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑮                 | ⑮                                | 5                   | 42                         | 178   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑮                 | ⑮                                | 10                  | 5                          | 111   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯                 | ⑯                                | 0.5                 | 6                          | 540   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯                 | ⑯                                | 3                   | 170                        | 610   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯                 | ⑯                                | 5                   | 185                        | 420   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯                 | ⑯                                | 10                  | 35                         | 70  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯-1               | ⑯-1                              | 0.5                 | 31                         | 315   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯-1               | ⑯-1                              | 3                   | 86                         | 283   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯-1               | ⑯-1                              | 5                   | 124                        | 133   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑯-1               | ⑯-1                              | 10                  | 16                         | 66  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑰                 | ⑰                                | 0.5                 | 2                          | 510   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑰                 | ⑰                                | 5                   | 1                          | 60  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑰                 | ⑰                                | 10                  |                            | 50  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑰-1               | ⑰-1                              | 0.5                 | 8                          | 392   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑰-1               | ⑰-1                              | 5                   | 1                          | 185   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑰-1               | ⑰-1                              | 10                  | 2                          | 100   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 22-1              | 22-1                             | 0.5                 | 3                          | 100   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 22-1              | 22-1                             | 5                   | 1                          | 70  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 22-1              | 22-1                             | 10                  | 3                          | 90  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑱                 | ⑱                                | 0.5                 | 1                          | 57  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑱                 | ⑱                                | 5                   |                            | 82  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 伊万里湾 ⑱                 | ⑱                                | 10                  | 1                          | 38  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| NS-25                  | 8月6日<br>~<br>8月18日<br><br>(13日間) | 九州西部<br>大村湾<br>佐世保湾 | <i>Chattonella</i><br>spp. | <p>8月6日 大村湾東部で着色域を確認。</p> <p>調査結果</p> <table border="1"> <thead> <tr> <th>観測点</th> <th>水色</th> <th>採水深(m)</th> <th>水温(°C)</th> <th>シャットトン<br/>濃<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>①多良見 9:30</td><td>くらいきみの<br/>だいたい<br/>24番</td><td>0.5</td><td>25.8</td><td>2,500</td></tr> <tr><td>②大村湾東<br/>新漁港前<br/>10:23</td><td>くらいきみど<br/>り、42番</td><td>0.5</td><td>25.7</td><td>27</td></tr> <tr><td>③大村市 新<br/>城 10:44</td><td>くらいきみど<br/>り、51番</td><td>0.5</td><td>25.6</td><td>2</td></tr> <tr><td>④大村市 松<br/>原 11:10</td><td>さえたまど<br/>り、31番</td><td>0.5</td><td>25.8</td><td>256</td></tr> <tr><td>⑤首等 11:32</td><td>くらいあかみ<br/>の<br/>だいたい<br/>15番</td><td>0.5</td><td>26</td><td>9,500</td></tr> <tr><td>⑥川柳 11:50</td><td>くらいき、33<br/>番</td><td>0.5</td><td>26.7</td><td>58</td></tr> </tbody> </table> <p>8月7日 調査結果</p> <table border="1"> <thead> <tr> <th>観測点</th> <th>水色</th> <th>採水深(m)</th> <th>水温(°C)</th> <th>シャットトン<br/>濃<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>①</td><td>くらいきみど<br/>り、41番</td><td>2.5</td><td>26.8</td><td>1</td></tr> <tr><td>②</td><td>さえたまど<br/>り、48番</td><td>2.5</td><td>26.2</td><td>30</td></tr> <tr><td>③</td><td>さえたまど<br/>り、48番</td><td>2.5</td><td>26.6</td><td>0</td></tr> <tr><td>④</td><td>さえたまど<br/>り、48番</td><td>2.5</td><td>26.1</td><td>2</td></tr> <tr><td>⑤</td><td>さえたまど<br/>り、49番</td><td>2.5</td><td>26.2</td><td>98</td></tr> <tr><td>⑥長与-1</td><td></td><td>0</td><td>28.3</td><td>0</td></tr> <tr><td>⑦長与-2</td><td></td><td>0</td><td>27.7</td><td>0</td></tr> <tr><td>⑧長与-3</td><td></td><td>0</td><td>28.4</td><td>0</td></tr> <tr><td>⑨津水湾-1</td><td>くらいあかみ<br/>の<br/>だいたい<br/>15番</td><td>0</td><td>28.4</td><td>720</td></tr> <tr><td>⑩津水湾-2</td><td></td><td>0</td><td>29.8</td><td>4</td></tr> <tr><td>⑪津水湾-3</td><td></td><td>0</td><td>28.9</td><td>0</td></tr> </tbody> </table> <p>8月8日 調査結果</p> <table border="1"> <thead> <tr> <th>観測点</th> <th>水色</th> <th>採水深(m)</th> <th>水温(°C)</th> <th>シャットトン<br/>濃<br/>(細胞/ml)</th> </tr> </thead> <tbody> <tr><td>①西彼町漁<br/>協前<br/>9:25</td><td>はいきみのき<br/>みどり<br/>45番</td><td>0.5</td><td>27.9</td><td>12</td></tr> <tr><td>②瀬瀬<br/>10:21</td><td>はいきみの<br/>みどり<br/>54番</td><td>0.5</td><td>26.6</td><td>20</td></tr> <tr><td>③瀬川</td><td>くらいきみど<br/>り</td><td>0.5</td><td>26.1</td><td>47</td></tr> </tbody> </table>  |    |       |            |     |   | 観測点  | 水色   | 採水深(m)              | 水温(°C)  | シャットトン<br>濃<br>(細胞/ml) | ①多良見 9:30 | くらいきみの<br>だいたい<br>24番 | 0.5 | 25.8 | 2,500 | ②大村湾東<br>新漁港前<br>10:23 | くらいきみど<br>り、42番 | 0.5 | 25.7   | 27 | ③大村市 新<br>城 10:44 | くらいきみど<br>り、51番 | 0.5 | 25.6   | 2 | ④大村市 松<br>原 11:10 | さえたまど<br>り、31番 | 0.5 | 25.8   | 256 | ⑤首等 11:32 | くらいあかみ<br>の<br>だいたい<br>15番 | 0.5 | 26     | 9,500 | ⑥川柳 11:50 | くらいき、33<br>番 | 0.5 | 26.7   | 58 | 観測点 | 水色 | 採水深(m) | 水温(°C) | シャットトン<br>濃<br>(細胞/ml) | ①  | くらいきみど<br>り、41番 | 2.5 | 26.8   | 1 | ②   | さえたまど<br>り、48番 | 2.5 | 26.2   | 30 | ③ | さえたまど<br>り、48番 | 2.5 | 26.6   | 0 | ④  | さえたまど<br>り、48番 | 2.5 | 26.1   | 2 | ⑤   | さえたまど<br>り、49番 | 2.5 | 26.2   | 98 | ⑥長与-1 |  | 0  | 28.3   | 0 | ⑦長与-2 |  | 0  | 27.7   | 0 | ⑧長与-3 |  | 0   | 28.4   | 0 | ⑨津水湾-1 | くらいあかみ<br>の<br>だいたい<br>15番 | 0   | 28.4   | 720 | ⑩津水湾-2 |  | 0  | 29.8   | 4 | ⑪津水湾-3 |    | 0   | 28.9   | 0 | 観測点 | 水色 | 採水深(m) | 水温(°C) | シャットトン<br>濃<br>(細胞/ml) | ①西彼町漁<br>協前<br>9:25 | はいきみのき<br>みどり<br>45番 | 0.5 | 27.9   | 12 | ②瀬瀬<br>10:21 | はいきみの<br>みどり<br>54番 | 0.5 | 26.6   | 20 | ③瀬川 | くらいきみど<br>り | 0.5 | 26.1   | 47 | 不明 | 表層<br>~<br>2.5m | <i>Chattonella</i><br>spp.<br>9,500 | 有      | 15<br>24<br>45 |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 観測点                    | 水色                               | 採水深(m)              | 水温(°C)                     | シャットトン<br>濃<br>(細胞/ml)  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ①多良見 9:30              | くらいきみの<br>だいたい<br>24番            | 0.5                 | 25.8                       | 2,500   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ②大村湾東<br>新漁港前<br>10:23 | くらいきみど<br>り、42番                  | 0.5                 | 25.7                       | 27  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ③大村市 新<br>城 10:44      | くらいきみど<br>り、51番                  | 0.5                 | 25.6                       | 2   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ④大村市 松<br>原 11:10      | さえたまど<br>り、31番                   | 0.5                 | 25.8                       | 256   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑤首等 11:32              | くらいあかみ<br>の<br>だいたい<br>15番       | 0.5                 | 26                         | 9,500   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑥川柳 11:50              | くらいき、33<br>番                     | 0.5                 | 26.7                       | 58  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 観測点                    | 水色                               | 採水深(m)              | 水温(°C)                     | シャットトン<br>濃<br>(細胞/ml)  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ①                      | くらいきみど<br>り、41番                  | 2.5                 | 26.8                       | 1   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ②                      | さえたまど<br>り、48番                   | 2.5                 | 26.2                       | 30  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ③                      | さえたまど<br>り、48番                   | 2.5                 | 26.6                       | 0   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ④                      | さえたまど<br>り、48番                   | 2.5                 | 26.1                       | 2   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑤                      | さえたまど<br>り、49番                   | 2.5                 | 26.2                       | 98  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑥長与-1                  |                                  | 0                   | 28.3                       | 0   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑦長与-2                  |                                  | 0                   | 27.7                       | 0   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑧長与-3                  |                                  | 0                   | 28.4                       | 0   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑨津水湾-1                 | くらいあかみ<br>の<br>だいたい<br>15番       | 0                   | 28.4                       | 720   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑩津水湾-2                 |                                  | 0                   | 29.8                       | 4   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ⑪津水湾-3                 |                                  | 0                   | 28.9                       | 0   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| 観測点                    | 水色                               | 採水深(m)              | 水温(°C)                     | シャットトン<br>濃<br>(細胞/ml)  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ①西彼町漁<br>協前<br>9:25    | はいきみのき<br>みどり<br>45番             | 0.5                 | 27.9                       | 12  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ②瀬瀬<br>10:21           | はいきみの<br>みどり<br>54番              | 0.5                 | 26.6                       | 20  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
| ③瀬川                    | くらいきみど<br>り                      | 0.5                 | 26.1                       | 47  |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |
|                        |                                  |                     |                            |   |    |       |            |     |   |      |      |                     |         |                        |           |                       |     |      |       |                        |                 |     |        |    |                   |                 |     |        |   |                   |                |     |        |     |           |                            |     |        |       |           |              |     |        |    |     |    |        |        |                        |    |                 |     |        |   |     |                |     |        |    |   |                |     |        |   |    |                |     |        |   |     |                |     |        |    |       |  |    |        |   |       |  |    |        |   |       |  |     |        |   |        |                            |     |        |     |        |  |    |        |   |        |    |     |        |   |     |    |        |        |                        |                     |                      |     |        |    |              |                     |     |        |    |     |             |     |        |    |    |                 |                                     |        |                |    |    |    |          |     |     |    |     |          |     |   |    |     |          |     |   |     |     |          |     |    |    |    |        |   |     |   |     |        |   |   |   |    |        |   |    |  |    |          |     |     |   |     |          |     |   |   |     |          |     |    |   |     |           |      |     |   |     |           |      |   |   |    |           |      |    |   |    |        |   |     |   |    |        |   |   |  |    |        |   |    |   |    |

| 整理番号  | 発生時期                | 発生海域                    | 赤潮構成種名   | 発生状況及び発達状況                           |          |          |  |                     | 最大面積     | 発生水深     | 最高細胞数 (cells/ml) | 漁業被害の有無                 | 水色    |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|---|---------------------|-------------------------|--|--------------------------------------|----------|----------|--|---------------------|----------|----------|------------------|-------------------------|-------|-------|---------|--------|-------------|----|----|-------|-------|-------|------|-----|------|-------|----|-------|-------|----|-----|----|-----|---|------|------|---|----|----|----|------|------|-----|----|---|----|------|------|----|-----|----|----|---|------|------|---|----|---|---|------|------|--|--|--|--|--|
|   |                     |                         |  | 日時                                   | 種名       | 細胞数      | 水深(m)  | 水温(°C)              |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 10:33                                | 51番      | 0.5      | 26.9   | 17                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ④崎針尾                                 | はいみのみどり  | 0.5      | 26.9   | 17                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 9:59                                 | 54番      | 2.5      | 26.9   | 3                   |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ⑤江上浦                                 | はいみのきみどり | 0.5      | 28.4   | 90                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 10:59                                | 45番      | 0.5      | 26.7   | 294                 |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ⑥佐世保市 南部漁協前                          | はいみのきみどり | 0.5      | 26.7   | 294                 |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 11:15                                | 45番      | 0.5      | 26.7   | 7                   |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ⑦柿ノ浦                                 | はいみのみどり  | 0.5      | 26.7   | 7                   |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 11:36                                | 54番      | 2.5      | 26   | 0                   |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ⑧針尾漁協前                               | はいみのみどり  | 0.5      | 26.2   | 23                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 11:50                                | 54番      | 2.5      | 26.1   | 12                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 8月11日 調査結果                           |          |          |  | 観測点                 |          |          |                  |                         |       | 水色    | 採水層(m)  | 水温(°C) | 細胞数 (細胞/ml) |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ①西彼町 漁協前                             | はいみのみどり  | 0.5      | 26.8   | 185                 |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 9:35                                 | 54番      | 2.5      | 26   | 11                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ②横瀬                                  | はいみのみどり  | 0.5      | 25.9   | 20                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 9:55                                 | 54番      | 2.5      | 25.7   | 12                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | ③瀬川                                  | はいみのみどり  | 0.5      | 25.9   | 24                  |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   |                     |                         |  | 10:08                                | 54番      | 2.5      | 25.9   | 6                   |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ④崎針尾  | はいみのみどり             | 0.5                     | 26.4   | 8                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 10:24   | 53番                 | 2.5                     | 26   | 5                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑤江上浦  | はいみのきみどり            | 0.5                     | 27   | 706                                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 10:42   | 38番                 | 0.5                     | 26.3   | 8                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑥佐世保市 南部漁協前   | はいみのきみどり            | 0.5                     | 26.3   | 8                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 10:59   | 45番                 | 2                       | 26.2   | 6                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑦柿ノ浦  | はいみのみどり             | 0.5                     | 26.4   | 30                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 11:22   | 54番                 | 2.5                     | 26   | 18                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑧針尾漁協前  | はいみのみどり             | 0.5                     | 25.9   | 8                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 11:34   | 54番                 | 2.5                     | 25.7   | 18                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑨長浦   | はいみのきみどり            | 0.5                     | 27.8   | 1                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 13:02   | 45番                 | 2                       | 27.4   | 1                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑩時津   | はいみのきみどり            | 0.5                     | 28   | 0                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 13:29   | 45番                 | 2                       | 27.8   | 0                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑪多良見  | くらいあかみのたけいだい        | 0.5                     | 28.5   | 4,060                                |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 10:30   | 15番                 | 0.5                     | 27   | 8                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑫大村湾東 部漁協前  | くらいきみどり             | 0.5                     | 27   | 8                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 11:32   | 42番                 | 0.5                     | 26.5   | 50                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑬大村市 新城   | くらいみどり              | 0.5                     | 26.5   | 50                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 11:46   | 51番                 | 0.5                     | 27.6   | 305                                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑭大村市 松原   | くらいきみどり             | 0.5                     | 27.6   | 305                                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 12:11   | 42番                 | 0.5                     | 26.4   | 5,040                                |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑮青等   | くらいきみどり             | 0.5                     | 26.4   | 5,040                                |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 12:34   | 42番                 | 0.5                     | 26.7   | 151                                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ⑯川棚   | くらいきみどり             | 0.5                     | 26.7   | 151                                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 12:45   | 41番                 | 0.5                     | 26.7   | 151                                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 8月16日 着色域確認されず終息。   |                     |                         |  |                                      |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| NS-26   | 8月23日 ~ 8月28日 (6日間) | 鹿児島 五島 五島市 玉之浦町 玉之浦湾    | <i>Myrionecta rubra</i>  | 8月23日 五島市玉之浦町玉之浦湾歌ヶ浦で着色域を確認。<br>調査結果 | 不明       | 表層       | <i>Myrionecta rubra</i><br>6,800   | 無                   | 24       |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th>採水地点</th> <th>採水時間</th> <th>主なプランクトン</th> <th>細胞数 (cell/L)</th> <th>水色</th> </tr> </thead> <tbody> <tr> <td>①</td> <td>12:30</td> <td rowspan="3"><i>Myrionecta rubra</i></td> <td>6,600</td> <td>24</td> </tr> <tr> <td>②</td> <td>12:30</td> <td>142</td> <td>42</td> </tr> <tr> <td>③</td> <td>15:15</td> <td>656</td> <td>42</td> </tr> </tbody> </table>   |                     |                         |  | 採水地点                                 | 採水時間     | 主なプランクトン | 細胞数 (cell/L)   | 水色                  | ①        |          | 12:30            | <i>Myrionecta rubra</i> | 6,600 | 24    | ②       | 12:30  | 142         | 42 | ③  | 15:15 | 656   | 42    |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 採水地点  | 採水時間                | 主なプランクトン                | 細胞数 (cell/L)   | 水色                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ①   | 12:30               | <i>Myrionecta rubra</i> | 6,600  | 24                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ②   | 12:30               |                         | 142  | 42                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ③   | 15:15               |                         | 656  | 42                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 8月28日 着色域確認されず終息。   |                     |                         |  |                                      |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| NS-27   | 8月27日 ~ 9月4日 (9日間)  | 九州西部 有明海 諫早湾            | <i>Ceratium furca</i><br><i>Gonyaulax</i> sp.<br><i>Akashiwo sanguinea</i> | 8月27日 諫早湾南部と北部で着色域を確認。<br>調査結果       | 不明       | 表層 ~ 5m  | <i>Ceratium furca</i><br>6,950<br><i>Gonyaulax</i> spp.<br>1,000<br><i>Akashiwo sanguinea</i><br>150 | 無                   | 15<br>24 |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th>調査点</th> <th>水温(°C)</th> <th>塩分 (psu)</th> <th>ゴニオラックス spp. (cells/mL)</th> <th>ケラチウムフルカ (cells/mL)</th> </tr> </thead> <tbody> <tr> <td>①小長井町東切港</td> <td>27.4</td> <td>19.1</td> <td>260</td> <td>1,570</td> </tr> <tr> <td>②小長井中央港</td> <td>27.7</td> <td>19.1</td> <td>-</td> <td>-</td> </tr> <tr> <td>③次正港</td> <td>27.28</td> <td>24.38</td> <td>0</td> <td>71</td> </tr> <tr> <td>④西崎港</td> <td>27.13</td> <td>22</td> <td>1,000</td> <td>6,950</td> </tr> </tbody> </table>  |                     |                         |  | 調査点                                  | 水温(°C)   | 塩分 (psu) | ゴニオラックス spp. (cells/mL)  | ケラチウムフルカ (cells/mL) | ①小長井町東切港 |          | 27.4             | 19.1                    | 260   | 1,570 | ②小長井中央港 | 27.7   | 19.1        | -  | -  | ③次正港  | 27.28 | 24.38 | 0    | 71  | ④西崎港 | 27.13 | 22 | 1,000 | 6,950 |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 調査点   | 水温(°C)              | 塩分 (psu)                | ゴニオラックス spp. (cells/mL)  | ケラチウムフルカ (cells/mL)                  |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ①小長井町東切港  | 27.4                | 19.1                    | 260  | 1,570                                |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ②小長井中央港   | 27.7                | 19.1                    | -  | -                                    |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ③次正港  | 27.28               | 24.38                   | 0  | 71                                   |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| ④西崎港  | 27.13               | 22                      | 1,000  | 6,950                                |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| 8月28日 調査結果  |                     |                         |  |                                      |          |          |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| <table border="1"> <thead> <tr> <th>定点</th> <th>観測水深 (m)</th> <th>ケラチウムフルカ</th> <th>アカシオ サンガイネア</th> <th>ゴニオラックス 属</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">B3</td> <td>0.5</td> <td>380</td> <td>50</td> <td>20</td> <td>27.0</td> <td>24.4</td> </tr> <tr> <td>5</td> <td>40</td> <td>60</td> <td>10</td> <td>26.8</td> <td>26.2</td> </tr> <tr> <td>B-1</td> <td>14</td> <td>14</td> <td>2</td> <td>26.3</td> <td>29.0</td> </tr> <tr> <td rowspan="3">B4</td> <td>0.5</td> <td>50</td> <td>150</td> <td>3</td> <td>27.4</td> <td>23.6</td> </tr> <tr> <td>5</td> <td>12</td> <td>90</td> <td>20</td> <td>27.1</td> <td>24.7</td> </tr> <tr> <td>B-1</td> <td>16</td> <td>8</td> <td>10</td> <td>25.8</td> <td>29.1</td> </tr> <tr> <td rowspan="2">B5</td> <td>0.5</td> <td>42</td> <td>10</td> <td>4</td> <td>26.4</td> <td>27.2</td> </tr> <tr> <td>5</td> <td>14</td> <td>2</td> <td>1</td> <td>26.4</td> <td>27.4</td> </tr> </tbody> </table> |                     |                         |  | 定点                                   | 観測水深 (m) | ケラチウムフルカ | アカシオ サンガイネア  | ゴニオラックス 属           | 水温 (°C)  | 塩分 (psu) | B3               | 0.5                     | 380   | 50    | 20      | 27.0   | 24.4        | 5  | 40 | 60    | 10    | 26.8  | 26.2 | B-1 | 14   | 14    | 2  | 26.3  | 29.0  | B4 | 0.5 | 50 | 150 | 3 | 27.4 | 23.6 | 5 | 12 | 90 | 20 | 27.1 | 24.7 | B-1 | 16 | 8 | 10 | 25.8 | 29.1 | B5 | 0.5 | 42 | 10 | 4 | 26.4 | 27.2 | 5 | 14 | 2 | 1 | 26.4 | 27.4 |  |  |  |  |  |
| 定点  | 観測水深 (m)            | ケラチウムフルカ                | アカシオ サンガイネア  | ゴニオラックス 属                            | 水温 (°C)  | 塩分 (psu) |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| B3  | 0.5                 | 380                     | 50   | 20                                   | 27.0     | 24.4     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   | 5                   | 40                      | 60   | 10                                   | 26.8     | 26.2     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   | B-1                 | 14                      | 14   | 2                                    | 26.3     | 29.0     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| B4  | 0.5                 | 50                      | 150  | 3                                    | 27.4     | 23.6     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   | 5                   | 12                      | 90   | 20                                   | 27.1     | 24.7     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   | B-1                 | 16                      | 8  | 10                                   | 25.8     | 29.1     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
| B5  | 0.5                 | 42                      | 10   | 4                                    | 26.4     | 27.2     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |
|   | 5                   | 14                      | 2  | 1                                    | 26.4     | 27.4     |  |                     |          |          |                  |                         |       |       |         |        |             |    |    |       |       |       |      |     |      |       |    |       |       |    |     |    |     |   |      |      |   |    |    |    |      |      |     |    |   |    |      |      |    |     |    |    |   |      |      |   |    |   |   |      |      |  |  |  |  |  |

| 観測番号          | 発生時期                          | 発生海域               | 赤潮構成種名              | 発生状況及び発現状況                 |          |         |                      |       |         |          | 最大面積 | 発生水深           | 最高細胞数 (cells/ml)           | 漁業被害の有無 | 水色 |  |
|---------------|-------------------------------|--------------------|---------------------|----------------------------|----------|---------|----------------------|-------|---------|----------|------|----------------|----------------------------|---------|----|--|
|               |                               |                    |                     | 観測時期                       | 観測水深 (m) | シャットネラ属 | ギロディニウム<br>インストリアータム | 珪藻類   | 水温 (°C) | 塩分 (psu) |      |                |                            |         |    |  |
| NS-28         | 9月11日<br>~<br>9月30日<br>(20日間) | 九州西部<br>有明海<br>諫早湾 | Chattonella<br>spp. | 9月11日 諫早湾奥部で着色域確認。<br>調査結果 |          |         |                      |       |         |          | 不明   | 表層<br>~<br>10m | Chattonella<br>spp.<br>152 | 無       | 33 |  |
|               |                               |                    |                     | 9月11日 調査結果                 |          |         |                      |       |         |          |      |                |                            |         |    |  |
|               |                               |                    |                     | 観測時期                       | H26.9.11 | 有害種     |                      |       |         |          |      |                |                            |         |    |  |
|               |                               |                    |                     | 定点                         | 観測水深 (m) | シャットネラ属 | ギロディニウム<br>インストリアータム | 珪藻類   | 水温 (°C) | 塩分 (psu) |      |                |                            |         |    |  |
|               |                               |                    |                     | ③                          | 表層       | 117     | 2                    | 3,120 |         |          |      |                |                            |         |    |  |
|               |                               |                    |                     | B3                         | 0.5      | 2       | 0                    | 2,120 | 26.1    | 27.3     |      |                |                            |         |    |  |
|               |                               |                    |                     |                            | 5        | 2       | 0                    | 1,320 | 26.0    | 28.6     |      |                |                            |         |    |  |
|               |                               |                    |                     |                            | B-1      | 2       | 0                    | 2,190 | 25.6    | 23.3     |      |                |                            |         |    |  |
|               |                               |                    |                     | B4                         | 0.5      | 31      | 0                    | 1,590 | 25.9    | 28.4     |      |                |                            |         |    |  |
|               |                               |                    |                     |                            | 5        | 4       | 1                    | 1,080 | 25.7    | 29.7     |      |                |                            |         |    |  |
|               |                               |                    |                     |                            | B-1      | 2       | 0                    | 580   | 25.6    | 29.9     |      |                |                            |         |    |  |
|               |                               |                    |                     | B5                         | 0.5      | 2       | 0                    | 1,820 | 25.9    | 29.0     |      |                |                            |         |    |  |
| 5             | 7                             | 0                  | 1,480               |                            | 25.6     | 29.5    |                      |       |         |          |      |                |                            |         |    |  |
| B-1           | 0                             | 0                  | 1,510               |                            | 25.5     | 30.5    |                      |       |         |          |      |                |                            |         |    |  |
| S1            | 0.5                           | 22                 | 20                  | 3,200                      | 26.2     | 25.2    |                      |       |         |          |      |                |                            |         |    |  |
|               | 2.5                           | 12                 | 62                  | 2,080                      | 26.1     | 26.3    |                      |       |         |          |      |                |                            |         |    |  |
|               | B-1                           | 6                  | 42                  | 2,340                      | 25.9     | 28.2    |                      |       |         |          |      |                |                            |         |    |  |
| S6            | 0.5                           | 77                 | 5                   | 3,060                      | 26.5     | 24.5    |                      |       |         |          |      |                |                            |         |    |  |
|               | 2.5                           | 19                 | 3                   | 3,000                      | 26.4     | 24.6    |                      |       |         |          |      |                |                            |         |    |  |
|               | B-1                           | 18                 | 4                   | 1,960                      | 25.8     | 25.6    |                      |       |         |          |      |                |                            |         |    |  |
| ①<br>小長井<br>港 | 0.5                           | 3                  | 32                  | 890                        | 25.9     | 27.8    |                      |       |         |          |      |                |                            |         |    |  |
|               | 2.5                           | 4                  | 40                  | 1,150                      | 25.9     | 28.3    |                      |       |         |          |      |                |                            |         |    |  |
|               | B-1                           | 0                  | 11                  | 1,280                      | 25.9     | 28.7    |                      |       |         |          |      |                |                            |         |    |  |
| ②<br>西郷<br>港前 | 0.5                           | 25                 | 4                   | 1,800                      | 26.6     | 24.5    |                      |       |         |          |      |                |                            |         |    |  |
|               | 2.5                           | 11                 | 0                   | 2,140                      | 25.7     | 29.6    |                      |       |         |          |      |                |                            |         |    |  |
|               | B-1                           | 9                  | 0                   | 1,200                      | 25.7     | 29.6    |                      |       |         |          |      |                |                            |         |    |  |



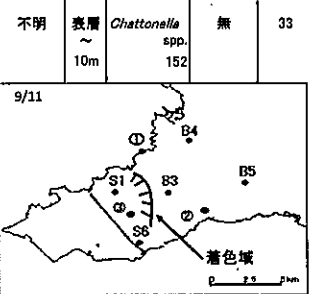
\*フランクソン細胞数はcells/mL  
9月4日 着色域確認されず終息

| 観測番号  | 発生時期                          | 発生海域               | 赤潮構成種名              |
|-------|-------------------------------|--------------------|---------------------|
| NS-28 | 9月11日<br>~<br>9月30日<br>(20日間) | 九州西部<br>有明海<br>諫早湾 | Chattonella<br>spp. |

| 観測時期          | H26.9.11 | 有害種     |
|---------------|----------|---------|
| 定点            | 観測水深 (m) | シャットネラ属 |
| ③             | 表層       | 117     |
| B3            | 0.5      | 2       |
|               | 5        | 2       |
|               | B-1      | 2       |
| B4            | 0.5      | 31      |
|               | 5        | 4       |
|               | B-1      | 2       |
| B5            | 0.5      | 2       |
|               | 5        | 7       |
|               | B-1      | 0       |
| S1            | 0.5      | 22      |
|               | 2.5      | 12      |
|               | B-1      | 6       |
| S6            | 0.5      | 77      |
|               | 2.5      | 19      |
|               | B-1      | 18      |
| ①<br>小長井<br>港 | 0.5      | 3       |
|               | 2.5      | 4       |
|               | B-1      | 0       |
| ②<br>西郷<br>港前 | 0.5      | 25      |
|               | 2.5      | 11      |
|               | B-1      | 9       |

| 調査点     | シャットネラ<br>アンティカ | シャットネラ<br>マリナ | シャットネラ属<br>合計 |
|---------|-----------------|---------------|---------------|
| ①小長井中浜  | 2               | 1             | 3             |
| ②西郷港    | 0               | 0             | 0             |
| ③多比良港   | 9               | 5             | 14            |
| ④瀬江漁港   | 3               | 2             | 5             |
| ⑤鳥居港(漁) | 0               | 0             | 0             |
| ⑥深江漁港   | 0               | 0             | 0             |
| ⑦豊崎港    | 0               | 0             | 0             |
| ⑧須川港    | 0               | 0             | 0             |
| ⑨南有馬漁港  | 0               | 0             | 0             |
| ⑩口之津港   | 0               | 0             | 0             |
| ⑪京治漁港   | 0               | 0             | 0             |
| ⑫小浜港    | 0               | 0             | 0             |
| ⑬千々石漁港  | 0               | 0             | 0             |
| ⑭北部排水門  | 1               | 9             | 10            |

| 観測時期 | H26.9.16 | 有害種     |
|------|----------|---------|
| 定点   | 観測水深 (m) | シャットネラ属 |
| B3   | 0.5      | 7       |
|      | 5        | 2       |
|      | B-1      | 1       |
| B4   | 0.5      | 15      |
|      | 5        | 10      |
|      | B-1      | 1       |
| B5   | 0.5      | 0       |
|      | 5        | 2       |
|      | B-1      | 1       |
| S1   | 0.5      | 16      |
|      | B-1      | 11      |



| 整理番号  | 発生時期                         | 発生海域                        | 赤潮構成種名                           | 発生状況及び発達状況   |          |              |             |            |              |             | 最大面積       | 発生水深     | 最高細胞数 (cells/ml)                           | 漁業被害の有無     | 水色         |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|---|------------------------------|-----------------------------|----------------------------------|--|----------|--------------|-------------|------------|--------------|-------------|------------|----------|--|-------------|------------|-----------|------|------|------|-----|-----|------|-------|-----------|------|-----|----|-----|------|------|------|----|-----|-----|------|------|-----------|------|-----|----|-----|------|------|------|-----|----|-----|------|------|------|----|-----|----|-----|-----|------|------|------|------|------|-----|------|------|-----|---|-----|-----|------|------|----|-----|----|-----|-------|------|------|-----|----|---|-----|------|------|-----|-----|---|-----|-------|------|------|-----|---|---|-------|------|------|-----------|-----|---|---|-----|------|------|-----|---|---|-----|------|------|-----------|-----|---|---|-----|------|------|-----|---|---|-----|------|------|--|--|--|--|-----|---|---|-----|------|------|--|--|--|--|--|
|   |                              |                             |                                  | 観測時期   | 観測水深 (m) | シャットネラ アンティナ | シャットネラ マリーナ | シャットネラ属 合計 | ケラチウム フルカ    | 珪藻類         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | <table border="1"> <tr> <td rowspan="2">S6</td> <td>0.5</td> <td>5</td> <td>3</td> <td>1,000</td> <td>25.5</td> <td>27.5</td> </tr> <tr> <td>B-1</td> <td>1</td> <td>3</td> <td>980</td> <td>25.4</td> <td>27.6</td> </tr> <tr> <td rowspan="2">①<br/>小長井港</td> <td>0.5</td> <td>1</td> <td>0</td> <td>290</td> <td>26.1</td> <td>28.4</td> </tr> <tr> <td>B-1</td> <td>0</td> <td>0</td> <td>310</td> <td>25.6</td> <td>28.9</td> </tr> <tr> <td rowspan="2">②<br/>西郷港前</td> <td>0.5</td> <td>0</td> <td>0</td> <td>230</td> <td>25.5</td> <td>28.5</td> </tr> <tr> <td>2.5</td> <td>2</td> <td>1</td> <td>890</td> <td>25.6</td> <td>29.5</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>B-1</td> <td>2</td> <td>1</td> <td>340</td> <td>25.6</td> <td>29.5</td> </tr> </table> <p style="text-align: center;">*プランクトン細胞数はcells/mL</p>  |          |              |             |            |              |             | S6         | 0.5      | 5  | 3           | 1,000      | 25.5      | 27.5 | B-1  | 1    | 3   | 980 | 25.4 | 27.6  | ①<br>小長井港 | 0.5  | 1   | 0  | 290 | 26.1 | 28.4 | B-1  | 0  | 0   | 310 | 25.6 | 28.9 | ②<br>西郷港前 | 0.5  | 0   | 0  | 230 | 25.5 | 28.5 | 2.5  | 2   | 1  | 890 | 25.6 | 29.5 |      |    |     |    | B-1 | 2   | 1    | 340  | 25.6 | 29.5 |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | S6   | 0.5      | 5            | 3           | 1,000      | 25.5         | 27.5        |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  |  | B-1      | 1            | 3           | 980        | 25.4         | 27.6        |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | ①<br>小長井港  | 0.5      | 1            | 0           | 290        | 26.1         | 28.4        |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  |  | B-1      | 0            | 0           | 310        | 25.6         | 28.9        |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | ②<br>西郷港前  | 0.5      | 0            | 0           | 230        | 25.5         | 28.5        |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  |  | 2.5      | 2            | 1           | 890        | 25.6         | 29.5        |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  |  |          |              |             | B-1        | 2            | 1           | 340        | 25.6     | 29.5                                       |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | <p>9月18日 調査結果 *プランクトン細胞数はcells/mL</p> <table border="1"> <thead> <tr> <th>定点</th> <th>観測水深 (m)</th> <th>シャットネラ アンティナ</th> <th>シャットネラ マリーナ</th> <th>シャットネラ属 合計</th> <th>ケラチウム フルカ</th> <th>珪藻類</th> </tr> </thead> <tbody> <tr><td>小長井港</td><td>1</td><td>152</td><td>0</td><td>0</td><td>0</td><td>250</td></tr> <tr><td>兼</td><td>1</td><td>21</td><td>8</td><td>2</td><td>3</td><td>140</td></tr> <tr><td>B4</td><td>1</td><td>10</td><td>3</td><td>1</td><td>7</td><td>280</td></tr> <tr><td>B3</td><td>1</td><td>4</td><td>0</td><td>1</td><td>0</td><td>680</td></tr> <tr><td>西郷</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>310</td></tr> <tr><td>S6</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>440</td></tr> <tr><td>ポンプ前</td><td>1</td><td>2</td><td>0</td><td>1</td><td>0</td><td>360</td></tr> <tr><td>S1</td><td>1</td><td>0</td><td>0</td><td>1</td><td>2</td><td>990</td></tr> <tr><td>漁協前</td><td>1</td><td>9</td><td>2</td><td>0</td><td>4</td><td>680</td></tr> </tbody> </table> |          |              |             |            |              |             | 定点         | 観測水深 (m) | シャットネラ アンティナ                               | シャットネラ マリーナ | シャットネラ属 合計 | ケラチウム フルカ | 珪藻類  | 小長井港 | 1    | 152 | 0   | 0    | 0     | 250       | 兼    | 1   | 21 | 8   | 2    | 3    | 140  | B4 | 1   | 10  | 3    | 1    | 7         | 280  | B3  | 1  | 4   | 0    | 1    | 0    | 680 | 西郷 | 1   | 0    | 0    | 0    | 0  | 310 | S6 | 1   | 0   | 0    | 0    | 0    | 440  | ポンプ前 | 1   | 2    | 0    | 1   | 0 | 360 | S1  | 1    | 0    | 0  | 1   | 2  | 990 | 漁協前   | 1    | 9    | 2   | 0  | 4 | 680 |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | 定点   | 観測水深 (m) | シャットネラ アンティナ | シャットネラ マリーナ | シャットネラ属 合計 | ケラチウム フルカ    | 珪藻類         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | 小長井港   | 1        | 152          | 0           | 0          | 0            | 250         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | 兼  | 1        | 21           | 8           | 2          | 3            | 140         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | B4   | 1        | 10           | 3           | 1          | 7            | 280         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | B3   | 1        | 4            | 0           | 1          | 0            | 680         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | 西郷   | 1        | 0            | 0           | 0          | 0            | 310         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | S6   | 1        | 0            | 0           | 0          | 0            | 440         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | ポンプ前   | 1        | 2            | 0           | 1          | 0            | 360         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | S1   | 1        | 0            | 0           | 1          | 2            | 990         |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| 漁協前   | 1                            | 9                           | 2                                | 0  | 4        | 680          |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| <p>9月22日 調査結果</p> <table border="1"> <thead> <tr> <th>定点</th> <th>観測水深 (m)</th> <th>シャットネラ アンティナ</th> <th>シャットネラ マリーナ</th> <th>シャットネラ属 合計</th> </tr> </thead> <tbody> <tr><td>小長井港</td><td>0</td><td>0</td><td>0</td><td>0</td></tr> <tr><td>西郷</td><td>0</td><td>2</td><td>0</td><td>2</td></tr> <tr><td>多以良港</td><td>0</td><td>8</td><td>3</td><td>11</td></tr> </tbody> </table>   |                              |                             |                                  |  |          |              | 定点          | 観測水深 (m)   | シャットネラ アンティナ | シャットネラ マリーナ | シャットネラ属 合計 | 小長井港     | 0  | 0           | 0          | 0         | 西郷   | 0    | 2    | 0   | 2   | 多以良港 | 0     | 8         | 3    | 11  |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| 定点  | 観測水深 (m)                     | シャットネラ アンティナ                | シャットネラ マリーナ                      | シャットネラ属 合計   |          |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| 小長井港  | 0                            | 0                           | 0                                | 0  |          |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| 西郷  | 0                            | 2                           | 0                                | 2  |          |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| 多以良港  | 0                            | 8                           | 3                                | 11   |          |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| <p>9月26日 調査結果</p> <table border="1"> <thead> <tr> <th>観測時期</th> <th>H26.9.26</th> <th>有害種</th> <th>珪藻類</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">①<br/>小長井港</td> <td>0.5</td> <td>8</td> <td>1</td> <td>840</td> <td>23.9</td> <td>29.4</td> </tr> <tr> <td>2.5</td> <td>13</td> <td>0</td> <td>1,120</td> <td>23.7</td> <td>29.6</td> </tr> <tr> <td>B-1</td> <td>9</td> <td>0</td> <td>890</td> <td>23.7</td> <td>29.7</td> </tr> <tr> <td rowspan="3">③</td> <td>0.5</td> <td>48</td> <td>4</td> <td>750</td> <td>24.1</td> <td>30.2</td> </tr> <tr> <td>2.5</td> <td>62</td> <td>7</td> <td>520</td> <td>24.1</td> <td>30.2</td> </tr> <tr> <td>B-1</td> <td>46</td> <td>2</td> <td>960</td> <td>24.1</td> <td>30.2</td> </tr> <tr> <td rowspan="3">④</td> <td>0.5</td> <td>3</td> <td>6</td> <td>640</td> <td>24.0</td> <td>29.6</td> </tr> <tr> <td>2.5</td> <td>2</td> <td>8</td> <td>350</td> <td>24.0</td> <td>29.6</td> </tr> <tr> <td>B-1</td> <td>2</td> <td>15</td> <td>400</td> <td>24.0</td> <td>29.7</td> </tr> <tr> <td rowspan="3">S1</td> <td>0.5</td> <td>50</td> <td>3</td> <td>1,450</td> <td>23.5</td> <td>28.2</td> </tr> <tr> <td>2.5</td> <td>43</td> <td>2</td> <td>890</td> <td>23.5</td> <td>28.3</td> </tr> <tr> <td>B-1</td> <td>42</td> <td>3</td> <td>610</td> <td>23.5</td> <td>28.3</td> </tr> </tbody> </table> <p style="text-align: center;">*プランクトン細胞数はcells/mL</p>  |                              |                             |                                  |  |          |              | 観測時期        | H26.9.26   | 有害種          | 珪藻類         | 水温 (°C)    | 塩分 (psu) | ①<br>小長井港                                  | 0.5         | 8          | 1         | 840  | 23.9 | 29.4 | 2.5 | 13  | 0    | 1,120 | 23.7      | 29.6 | B-1 | 9  | 0   | 890  | 23.7 | 29.7 | ③  | 0.5 | 48  | 4    | 750  | 24.1      | 30.2 | 2.5 | 62 | 7   | 520  | 24.1 | 30.2 | B-1 | 46 | 2   | 960  | 24.1 | 30.2 | ④  | 0.5 | 3  | 6   | 640 | 24.0 | 29.6 | 2.5  | 2    | 8    | 350 | 24.0 | 29.6 | B-1 | 2 | 15  | 400 | 24.0 | 29.7 | S1 | 0.5 | 50 | 3   | 1,450 | 23.5 | 28.2 | 2.5 | 43 | 2 | 890 | 23.5 | 28.3 | B-1 | 42  | 3 | 610 | 23.5  | 28.3 |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| 観測時期  | H26.9.26                     | 有害種                         | 珪藻類                              | 水温 (°C)  | 塩分 (psu) |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| ①<br>小長井港   | 0.5                          | 8                           | 1                                | 840  | 23.9     | 29.4         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 2.5                          | 13                          | 0                                | 1,120  | 23.7     | 29.6         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 9                           | 0                                | 890  | 23.7     | 29.7         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| ③   | 0.5                          | 48                          | 4                                | 750  | 24.1     | 30.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 2.5                          | 62                          | 7                                | 520  | 24.1     | 30.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 46                          | 2                                | 960  | 24.1     | 30.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| ④   | 0.5                          | 3                           | 6                                | 640  | 24.0     | 29.6         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 2.5                          | 2                           | 8                                | 350  | 24.0     | 29.6         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 2                           | 15                               | 400  | 24.0     | 29.7         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| S1  | 0.5                          | 50                          | 3                                | 1,450  | 23.5     | 28.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 2.5                          | 43                          | 2                                | 890  | 23.5     | 28.3         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 42                          | 3                                | 610  | 23.5     | 28.3         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| <p>9月30日 着色域確認されず終息。<br/>調査結果</p> <table border="1"> <thead> <tr> <th>観測時期</th> <th>H26.9.30</th> <th>有害種</th> <th>珪藻類</th> <th>水温 (°C)</th> <th>塩分 (psu)</th> </tr> </thead> <tbody> <tr> <td rowspan="3">B3</td> <td>0.5</td> <td>5</td> <td>3</td> <td>817</td> <td>24.6</td> <td>29.6</td> </tr> <tr> <td>5</td> <td>1</td> <td>8</td> <td>870</td> <td>24.6</td> <td>30.1</td> </tr> <tr> <td>B-1</td> <td>1</td> <td>3</td> <td>585</td> <td>24.5</td> <td>30.1</td> </tr> <tr> <td rowspan="3">B4</td> <td>0.5</td> <td>2</td> <td>14</td> <td>178</td> <td>24.5</td> <td>30.1</td> </tr> <tr> <td>5</td> <td>1</td> <td>3</td> <td>160</td> <td>24.5</td> <td>30.2</td> </tr> <tr> <td>B-1</td> <td>0</td> <td>2</td> <td>343</td> <td>24.5</td> <td>30.3</td> </tr> <tr> <td rowspan="3">B5</td> <td>0.5</td> <td>0</td> <td>0</td> <td>600</td> <td>24.6</td> <td>30.2</td> </tr> <tr> <td>5</td> <td>4</td> <td>2</td> <td>250</td> <td>24.7</td> <td>30.3</td> </tr> <tr> <td>B-1</td> <td>2</td> <td>1</td> <td>270</td> <td>24.6</td> <td>31.2</td> </tr> <tr> <td rowspan="2">S1</td> <td>0.5</td> <td>7</td> <td>0</td> <td>580</td> <td>23.9</td> <td>28.3</td> </tr> <tr> <td>B-1</td> <td>1</td> <td>1</td> <td>450</td> <td>23.9</td> <td>28.9</td> </tr> <tr> <td rowspan="2">S6</td> <td>0.5</td> <td>2</td> <td>1</td> <td>1,010</td> <td>23.9</td> <td>25.6</td> </tr> <tr> <td>B-1</td> <td>0</td> <td>0</td> <td>1,081</td> <td>24.3</td> <td>28.8</td> </tr> <tr> <td rowspan="2">①<br/>小長井港</td> <td>0.5</td> <td>0</td> <td>0</td> <td>460</td> <td>24.1</td> <td>29.3</td> </tr> <tr> <td>B-1</td> <td>0</td> <td>1</td> <td>270</td> <td>24.1</td> <td>29.5</td> </tr> <tr> <td rowspan="2">②<br/>西郷港前</td> <td>0.5</td> <td>2</td> <td>0</td> <td>640</td> <td>24.3</td> <td>29.2</td> </tr> <tr> <td>2.5</td> <td>1</td> <td>0</td> <td>630</td> <td>24.5</td> <td>29.4</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td>B-1</td> <td>0</td> <td>0</td> <td>620</td> <td>24.5</td> <td>29.5</td> </tr> </tbody> </table> <p style="text-align: center;">*プランクトン細胞数はcells/mL</p> |                              |                             |                                  |  |          |              | 観測時期        | H26.9.30   | 有害種          | 珪藻類         | 水温 (°C)    | 塩分 (psu) | B3   | 0.5         | 5          | 3         | 817  | 24.6 | 29.6 | 5   | 1   | 8    | 870   | 24.6      | 30.1 | B-1 | 1  | 3   | 585  | 24.5 | 30.1 | B4 | 0.5 | 2   | 14   | 178  | 24.5      | 30.1 | 5   | 1  | 3   | 160  | 24.5 | 30.2 | B-1 | 0  | 2   | 343  | 24.5 | 30.3 | B5 | 0.5 | 0  | 0   | 600 | 24.6 | 30.2 | 5    | 4    | 2    | 250 | 24.7 | 30.3 | B-1 | 2 | 1   | 270 | 24.6 | 31.2 | S1 | 0.5 | 7  | 0   | 580   | 23.9 | 28.3 | B-1 | 1  | 1 | 450 | 23.9 | 28.9 | S6  | 0.5 | 2 | 1   | 1,010 | 23.9 | 25.6 | B-1 | 0 | 0 | 1,081 | 24.3 | 28.8 | ①<br>小長井港 | 0.5 | 0 | 0 | 460 | 24.1 | 29.3 | B-1 | 0 | 1 | 270 | 24.1 | 29.5 | ②<br>西郷港前 | 0.5 | 2 | 0 | 640 | 24.3 | 29.2 | 2.5 | 1 | 0 | 630 | 24.5 | 29.4 |  |  |  |  | B-1 | 0 | 0 | 620 | 24.5 | 29.5 |  |  |  |  |  |
| 観測時期  | H26.9.30                     | 有害種                         | 珪藻類                              | 水温 (°C)  | 塩分 (psu) |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| B3  | 0.5                          | 5                           | 3                                | 817  | 24.6     | 29.6         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 5                            | 1                           | 8                                | 870  | 24.6     | 30.1         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 1                           | 3                                | 585  | 24.5     | 30.1         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| B4  | 0.5                          | 2                           | 14                               | 178  | 24.5     | 30.1         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 5                            | 1                           | 3                                | 160  | 24.5     | 30.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 0                           | 2                                | 343  | 24.5     | 30.3         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| B5  | 0.5                          | 0                           | 0                                | 600  | 24.6     | 30.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 5                            | 4                           | 2                                | 250  | 24.7     | 30.3         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 2                           | 1                                | 270  | 24.6     | 31.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| S1  | 0.5                          | 7                           | 0                                | 580  | 23.9     | 28.3         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 1                           | 1                                | 450  | 23.9     | 28.9         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| S6  | 0.5                          | 2                           | 1                                | 1,010  | 23.9     | 25.6         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 0                           | 0                                | 1,081  | 24.3     | 28.8         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| ①<br>小長井港   | 0.5                          | 0                           | 0                                | 460  | 24.1     | 29.3         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | B-1                          | 0                           | 1                                | 270  | 24.1     | 29.5         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| ②<br>西郷港前   | 0.5                          | 2                           | 0                                | 640  | 24.3     | 29.2         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   | 2.5                          | 1                           | 0                                | 630  | 24.5     | 29.4         |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  | B-1  | 0        | 0            | 620         | 24.5       | 29.5         |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
| NS-29   | 9月24日<br>~<br>9月29日<br>(6日間) | 離島<br>対馬<br>浅茅湾<br>美津島町竹敷地先 | <i>Prorocentrum<br/>dentatum</i> | <p>9月24日 浅茅湾竹敷地先で着色域を確認。<br/>最高細胞数 36,100cells/mL</p> <p>9月29日 着色域確認されず終息。</p>   |          |              |             |            |              |             | 不明         | 表層       | <i>Prorocentrum<br/>dentatum</i><br>36,100 | 無           | 24         |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |
|   |                              |                             |                                  |  |          |              |             |            |              |             |            |          |  |             |            |           |      |      |      |     |     |      |       |           |      |     |    |     |      |      |      |    |     |     |      |      |           |      |     |    |     |      |      |      |     |    |     |      |      |      |    |     |    |     |     |      |      |      |      |      |     |      |      |     |   |     |     |      |      |    |     |    |     |       |      |      |     |    |   |     |      |      |     |     |   |     |       |      |      |     |   |   |       |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |           |     |   |   |     |      |      |     |   |   |     |      |      |  |  |  |  |     |   |   |     |      |      |  |  |  |  |  |

10.平成26年の赤潮による漁業被害の状況

| 整理番号         | 被害時期      | 赤潮構成種名                      | 被害発生場所                     | 養殖魚介類      |      |        | 漁獲物又は着養魚介類           |      |             |            | 天然魚介類    |         |    |      |      |
|--------------|-----------|-----------------------------|----------------------------|------------|------|--------|----------------------|------|-------------|------------|----------|---------|----|------|------|
|              |           |                             |                            | 魚種         | 被害内容 | 被害尾数   | 被害金額(円)              | 漁業種類 | 魚種          | 被害内容       | 被害量      | 被害金額(円) | 魚種 | 被害内容 | 被害尾数 |
| [1]<br>NS-7  | 4/29~5/3  | <i>Heterosigma akashiwo</i> | 九州西部<br>有明海<br>諫早湾         |            |      |        |                      | 定置   | コバシロ<br>グチ類 | へい死<br>へい死 | コバシロ、グチ計 | 不明      |    |      |      |
| 小計           |           |                             |                            |            |      |        | 0                    |      |             |            |          |         |    |      |      |
| [1]<br>NS-9  | 5/10~5/12 | <i>Dictyocha</i> spp.       | 離島<br>五島<br>新上五島町<br>月ノ浦地先 | クロマダロ(3年魚) | へい死  | 288    | 35,000,000           |      |             |            |          |         |    |      |      |
| 小計           |           |                             |                            |            |      |        | 35,000,000           |      |             |            |          |         |    |      |      |
| [1]<br>NS-17 | 7/4~7/14  | <i>Karenia mikimotoi</i>    | 九州北部<br>薄曇・古江湾             | ハマチ(2年魚)   | へい死  | 4,500  | 10,620,000           |      |             |            |          |         |    |      |      |
|              |           |                             |                            | ハマチ(3年魚)   | へい死  | 250    | 1,450,000            |      |             |            |          |         |    |      |      |
|              |           |                             |                            | ヒラマサ(2年魚)  | へい死  | 10,800 | 13,600,000           |      |             |            |          |         |    |      |      |
|              |           |                             |                            | ヒラマサ(3年魚)  | へい死  | 3,230  | 14,532,000           |      |             |            |          |         |    |      |      |
|              |           |                             |                            | マサバ(1年魚)   | へい死  | 20,000 | 13,000,000           |      |             |            |          |         |    |      |      |
|              |           |                             |                            | マサバ(2年魚)   | へい死  | 16,000 | 5,600,000            |      |             |            |          |         |    |      |      |
|              |           |                             |                            | マアジ(1年魚)   | へい死  | 500    | 17,500               |      |             |            |          |         |    |      |      |
|              |           |                             |                            | カワハギ(1年魚)  | へい死  | 2,000  | 800,000              |      |             |            |          |         |    |      |      |
|              |           |                             |                            | シマアジ(4年魚)  | へい死  | 50     | 84,000               |      |             |            |          |         |    |      |      |
|              |           |                             |                            | クロマダロ(3年魚) | へい死  | 320    | 25,920,000           |      |             |            |          |         |    |      |      |
|              |           |                             |                            | クロマダロ(4年魚) | へい死  | 50     | 6,750,000            |      |             |            |          |         |    |      |      |
| 小計           |           |                             |                            |            |      |        | 92,373,500           |      |             |            |          |         |    |      |      |
| [1]<br>NS-18 | 7/25~7/28 | <i>Chattonella</i> spp.     | 九州西部<br>大村湾<br>佐世保湾        | ハマチ(3年魚)   | へい死  | 220    | 880,000              |      |             |            |          |         |    |      |      |
|              |           |                             |                            | ヒラマサ(3年魚)  | へい死  | 65     | 312,000              |      |             |            |          |         |    |      |      |
| 小計           |           |                             |                            |            |      |        | 1,192,000            |      |             |            |          |         |    |      |      |
| NS-25        | 8/13~8/13 | <i>Chattonella</i> spp.     | 九州西部<br>大村湾<br>佐世保湾        | ヒラマサ(1年魚)  | へい死  | 6,000  | 6,000,000            |      |             |            |          |         |    |      |      |
| 小計           |           |                             |                            |            |      |        | 6,000,000            |      |             |            |          |         |    |      |      |
| 合計           |           |                             |                            |            |      |        | 134,565,500          |      |             |            |          |         |    |      |      |
| 備考           |           |                             |                            |            |      |        | (被害額計 134,565,500 円) |      |             |            |          |         |    |      |      |