

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－Ⅱ

— 資 料 集 —

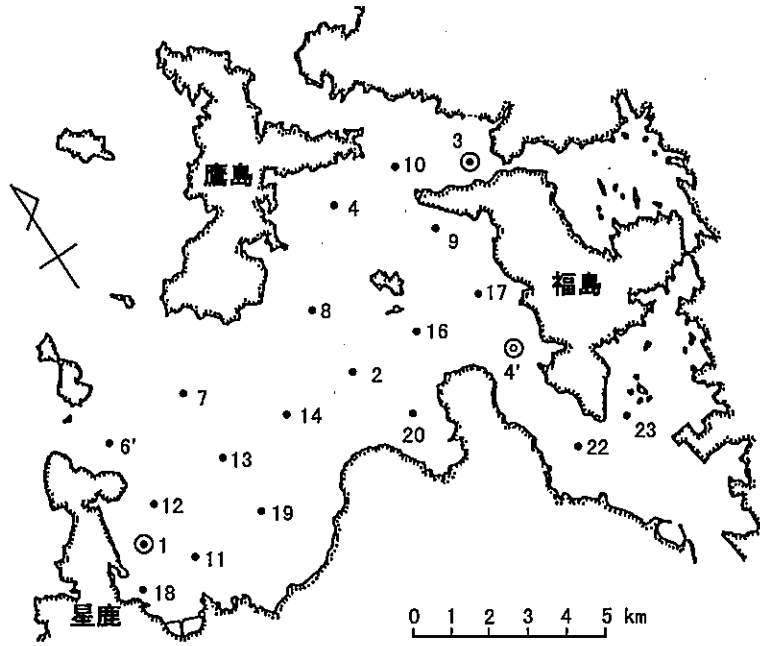
平成27年5月

長崎県総合水産試験場

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①伊万里湾



②大村湾

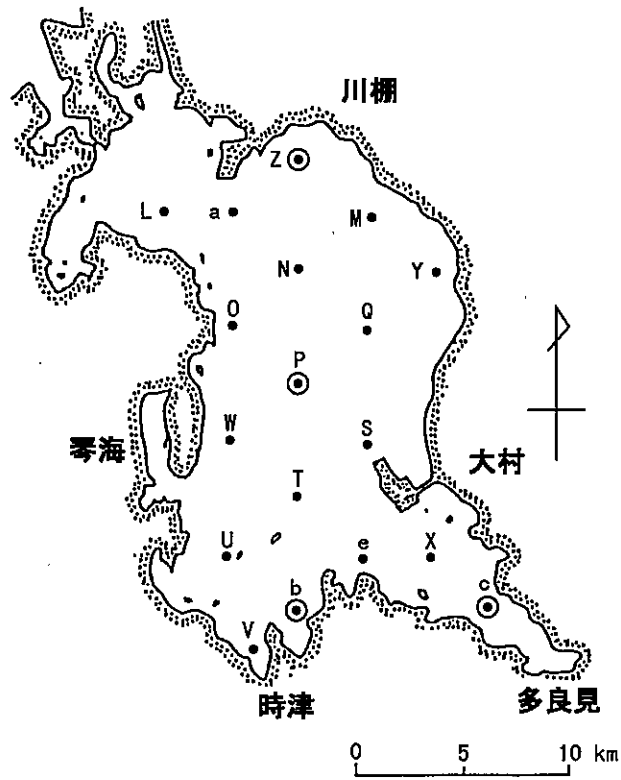


図1 調査水域及び調査地点

付表1 調査項目及び分析方法

|               |         |         |         |         |
|---------------|---------|---------|---------|---------|
| 調査水域          | 伊 万 里 湾 |         | 大 村 湾   |         |
| 調査区分<br>(定点数) | 一般 (21) | 底質 (21) | 一般 (18) | 底質 (17) |
| 調査日           | 10月20日  | 10月20日  | 10月16日  | 10月16日  |

調査船：長崎県総合水産試験場調査船ゆめとび (19トン)

| 調査区分 | 観測層                                     | 項目及び測定方法 |                                                                                                                                                                                        |
|------|-----------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 一般調査 | 0、2、5、<br>10、20、30…<br>B5、B3、B2<br>B1m層 | 海況       | 水温：JFEアドバンテック社製 RINKO Profiler<br>塩分：JFEアドバンテック社製 RINKO Profiler<br>溶存酸素量：JFEアドバンテック社製 RINKO Profiler<br>水深：JFEアドバンテック社製 RINKO Profiler<br>透明度：30 cmセッキー板<br>水色：赤潮情報交換事業・赤潮予察調査事業水色カード |
| 底質調査 |                                         | 底質       | 強熱減量：550℃で6時間燃焼<br>COD：水質汚濁調査指針<br>硫化物：水質汚濁調査指針（検知管法）                                                                                                                                  |

## 付表2 伊万里湾気象海況水質観測結果

平成26年10月20日

長崎県総合水産試験場

観測者 山砥、石田

| Stn. | 緯度          | 経度           | 観測時刻  | 天候 | 雲量 | 風向  | 風速(m/s) | 水深(m) | 透明度(m) | 水色 |
|------|-------------|--------------|-------|----|----|-----|---------|-------|--------|----|
| 1    | 33° 22' 12" | 129° 40' 00" | 11:50 | 0  | 8  | S   | 6       | 30.9  | 6.0    | 51 |
| 2    | 33° 22' 46" | 129° 45' 24" | 15:11 | 0  | 10 | SSW | 3       | 35.0  | 6.0    | 51 |
| 3    | 33° 24' 40" | 129° 49' 06" | 13:30 | 0  | 10 | S   | 2       | 20.0  | 6.0    | 51 |
| 4    | 33° 24' 55" | 129° 46' 42" | 13:07 | 0  | 10 | S   | 3       | 28.8  | 7.0    | 51 |
| 4'   | 33° 22' 12" | 129° 48' 00" | 14:12 | 0  | 9  | SSW | 5       | 30.7  | 3.5    | 51 |
| 6'   | 33° 23' 49" | 129° 41' 28" | 12:07 | 0  | 8  | S   | 6       | 51.8  | 7.0    | 51 |
| 7    | 33° 23' 49" | 129° 42' 48" | 12:28 | 0  | 8  | S   | 6       | 29.3  | 7.0    | 51 |
| 8    | 33° 23' 49" | 129° 45' 24" | 12:48 | 0  | 9  | SSW | 6       | 27.2  | 7.0    | 51 |
| 9    | 33° 23' 49" | 129° 48' 00" | 13:55 | 0  | 10 | SE  | 5       | 24.5  | 4.0    | 51 |
| 10   | 33° 24' 55" | 129° 48' 00" | 13:20 | 0  | 10 | S   | 2       | 25.4  | 6.0    | 51 |
| 11   | 33° 21' 40" | 129° 41' 28" | 15:53 | 0  | 10 | S   | 4       | 26.7  | 欠測     | 60 |
| 12   | 33° 22' 46" | 129° 41' 28" | 11:52 | 0  | 8  | SSW | 5       | 36.7  | 7.0    | 51 |
| 13   | 33° 22' 46" | 129° 42' 48" | 15:30 | 0  | 10 | SSW | 5       | 29.2  | 7.5    | 51 |
| 14   | 33° 22' 46" | 129° 44' 04" | 15:21 | 0  | 10 | SSW | 5       | 33.5  | 6.0    | 51 |
| 16   | 33° 22' 46" | 129° 46' 42" | 14:53 | 0  | 10 | S   | 8       | 32.2  | 5.0    | 51 |
| 17   | 33° 22' 46" | 129° 48' 00" | 14:04 | 0  | 10 | SSE | 5       | 24.1  | 4.0    | 51 |
| 18   | 33° 21' 40" | 129° 40' 31" | 11:40 | 0  | 8  | SSW | 3       | 22.4  | 6.0    | 51 |
| 19   | 33° 21' 40" | 129° 42' 48" | 15:41 | 0  | 10 | SSW | 7       | 25.0  | 7.0    | 60 |
| 20   | 33° 21' 40" | 129° 46' 03" | 15:05 | 0  | 10 | S   | 4       | 24.7  | 5.0    | 51 |
| 22   | 33° 20' 42" | 129° 48' 00" | 14:25 | 0  | 9  | ESE | 2       | 22.3  | 3.5    | 42 |
| 23   | 33° 20' 42" | 129° 49' 18" | 14:31 | 0  | 9  | SSE | 3       | 12.9  | 3.0    | 51 |

※水温、塩分、DOは欠測

付表3 大村湾気象海況水質観測結果

平成26年10月16日

長崎県総合水産試験場

観測者 山本、石田

| Stn. | 緯度          | 経度           | 観測時刻  | 天候  | 雲量 | 風向  | 風速(m/s) | 水深(m) | 透明度(m) | 水色 | 観測層(m) | 水温(°C) | 塩分(s) | DO(mg/l) | DO(%) |
|------|-------------|--------------|-------|-----|----|-----|---------|-------|--------|----|--------|--------|-------|----------|-------|
| a    | 33° 01' 23" | 129° 50' 03" | 11:52 | bc  | 5  | WNW | 9       | 16.7  | 5.0    | 51 | 0      | 22.6   | 31.92 | 7.09     | 99    |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.6   | 31.93 | 7.09     | 99    |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.6   | 31.92 | 7.08     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.5   | 31.98 | 6.93     | 96    |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.5   | 32.01 | 6.89     | 96    |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.5   | 32.01 | 6.81     | 95    |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.5   | 32.01 | 6.80     | 95    |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.5   | 32.13 | 6.79     | 94    |
|      |             |              |       |     |    |     |         |       |        |    | 0      | 22.0   | 31.33 | 7.57     | 104   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.0   | 31.32 | 7.59     | 104   |
| 5    | 22.0        | 31.35        | 7.66  | 105 |    |     |         |       |        |    |        |        |       |          |       |
| 10   | 22.7        | 31.74        | 7.03  | 98  |    |     |         |       |        |    |        |        |       |          |       |
| B5   | 22.8        | 31.80        | 6.68  | 93  |    |     |         |       |        |    |        |        |       |          |       |
| B3   | 22.8        | 31.83        | 6.52  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| B2   | 22.8        | 31.83        | 6.44  | 90  |    |     |         |       |        |    |        |        |       |          |       |
| B1   | 22.8        | 31.83        | 6.37  | 89  |    |     |         |       |        |    |        |        |       |          |       |
| c    | 32° 55' 51" | 129° 58' 00" | 9:28  | 0   | 8  | S   | 3       | 11.0  | 3.0    | 51 | 0      | 22.4   | 31.25 | 7.10     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.4   | 31.25 | 7.09     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.4   | 31.26 | 7.06     | 97    |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.5   | 31.34 | 6.99     | 97    |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.7   | 31.56 | 6.75     | 94    |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.7   | 31.69 | 6.30     | 88    |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.8   | 31.81 | 5.93     | 82    |
|      |             |              |       |     |    |     |         |       |        |    | 0      | 22.0   | 31.36 | 7.46     | 102   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.1   | 31.37 | 7.47     | 102   |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.2   | 31.43 | 7.37     | 101   |
| 10   | 22.8        | 31.76        | 6.72  | 93  |    |     |         |       |        |    |        |        |       |          |       |
| B5   | 22.8        | 31.79        | 6.76  | 94  |    |     |         |       |        |    |        |        |       |          |       |
| B3   | 22.8        | 31.79        | 6.71  | 93  |    |     |         |       |        |    |        |        |       |          |       |
| B2   | 22.8        | 31.80        | 6.59  | 92  |    |     |         |       |        |    |        |        |       |          |       |
| B1   | 22.8        | 31.80        | 6.53  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| L    | 33° 01' 23" | 129° 48' 09" | 12:49 | bc  | 3  | WNW | 8       | 27.7  | 4.5    | 51 | 0      | 22.6   | 32.10 | 7.37     | 103   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.6   | 32.10 | 7.37     | 103   |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.6   | 32.11 | 7.35     | 103   |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.7   | 32.41 | 6.73     | 94    |
|      |             |              |       |     |    |     |         |       |        |    | 20     | 22.9   | 32.53 | 6.50     | 91    |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.9   | 32.54 | 6.49     | 91    |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.8   | 32.53 | 6.51     | 91    |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.8   | 32.54 | 6.51     | 91    |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.9   | 32.55 | 6.51     | 91    |
|      |             |              |       |     |    |     |         |       |        |    | 0      | 22.7   | 31.92 | 6.81     | 95    |
| 2    | 22.6        | 31.93        | 6.81  | 95  |    |     |         |       |        |    |        |        |       |          |       |
| 5    | 22.5        | 31.93        | 6.77  | 94  |    |     |         |       |        |    |        |        |       |          |       |
| 10   | 22.4        | 31.90        | 6.60  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| B5   | 22.4        | 31.90        | 6.54  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| B3   | 22.4        | 31.89        | 6.55  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| B2   | 22.4        | 31.89        | 6.57  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| B1   | 22.4        | 31.90        | 6.58  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| N    | 33° 00' 00" | 129° 52' 00" | 13:11 | bc  | 5  | WNW | 7       | 17.0  | 4.5    | 51 | 0      | 22.6   | 31.88 | 7.38     | 103   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.6   | 31.88 | 7.36     | 103   |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.6   | 31.88 | 7.35     | 102   |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.7   | 31.98 | 6.95     | 97    |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.8   | 32.01 | 6.89     | 93    |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.8   | 32.04 | 6.46     | 90    |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.8   | 32.05 | 6.34     | 89    |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.9   | 32.27 | 6.08     | 85    |
|      |             |              |       |     |    |     |         |       |        |    | 0      | 22.8   | 32.11 | 7.05     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.8   | 32.11 | 7.04     | 98    |
| 5    | 22.7        | 32.12        | 7.02  | 98  |    |     |         |       |        |    |        |        |       |          |       |
| 10   | 22.6        | 32.17        | 6.88  | 96  |    |     |         |       |        |    |        |        |       |          |       |
| B5   | 22.9        | 32.50        | 6.47  | 91  |    |     |         |       |        |    |        |        |       |          |       |
| B3   | 22.9        | 32.52        | 6.38  | 90  |    |     |         |       |        |    |        |        |       |          |       |
| B2   | 22.9        | 32.52        | 6.35  | 89  |    |     |         |       |        |    |        |        |       |          |       |
| B1   | 22.9        | 32.52        | 6.34  | 89  |    |     |         |       |        |    |        |        |       |          |       |
| P    | 32° 57' 20" | 129° 52' 00" | 10:33 | bc  | 5  | ESE | 3       | 19.3  | 5.0    | 51 | 0      | 22.7   | 31.90 | 7.28     | 101   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.7   | 31.89 | 7.29     | 102   |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.6   | 31.90 | 7.36     | 103   |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.6   | 31.90 | 7.32     | 102   |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.7   | 32.00 | 7.23     | 101   |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.7   | 32.10 | 7.06     | 99    |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.8   | 32.54 | 6.93     | 97    |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 23.0   | 32.45 | 6.55     | 92    |
|      |             |              |       |     |    |     |         |       |        |    | 0      | 22.8   | 31.76 | 7.19     | 101   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.6   | 31.78 | 7.25     | 101   |
| 5    | 22.6        | 31.80        | 7.21  | 100 |    |     |         |       |        |    |        |        |       |          |       |
| 10   | 22.6        | 31.87        | 7.06  | 98  |    |     |         |       |        |    |        |        |       |          |       |
| B5   | 22.6        | 31.98        | 7.04  | 98  |    |     |         |       |        |    |        |        |       |          |       |
| B3   | 22.6        | 32.02        | 7.12  | 99  |    |     |         |       |        |    |        |        |       |          |       |
| B2   | 22.7        | 32.09        | 7.04  | 98  |    |     |         |       |        |    |        |        |       |          |       |
| B1   | 23.0        | 32.33        | 6.76  | 95  |    |     |         |       |        |    |        |        |       |          |       |
| Q    | 32° 58' 40" | 129° 53' 55" | 10:48 | bc  | 4  | -   | 0       | 18.4  | 5.0    | 51 | 0      | 22.8   | 31.76 | 7.19     | 101   |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.6   | 31.78 | 7.25     | 101   |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.6   | 31.80 | 7.21     | 100   |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.6   | 31.87 | 7.06     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.6   | 31.98 | 7.04     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.6   | 32.02 | 7.12     | 99    |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.7   | 32.09 | 7.04     | 98    |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 23.0   | 32.33 | 6.76     | 95    |

| Stn. | 緯度          | 經度           | 觀測時刻  | 天候  | 雲量 | 風向  | 風速(m/s) | 水深(m) | 透明度(m) | 水色 | 觀測層(m) | 水溫(°C)      | 塩分(s)        | DO(mg/l) | DO(%) |   |     |   |      |     |    |   |      |       |      |     |
|------|-------------|--------------|-------|-----|----|-----|---------|-------|--------|----|--------|-------------|--------------|----------|-------|---|-----|---|------|-----|----|---|------|-------|------|-----|
| S    | 32° 55' 57" | 129° 53' 55" | 10:18 | bc  | 5  | E   | 2       | 18.3  | 3.5    | 51 | 0      | 22.3        | 31.42        | 7.75     | 107   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.3        | 31.45        | 7.71     | 107   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.5        | 31.61        | 7.47     | 104   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.6        | 31.74        | 6.98     | 97    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.5        | 31.76        | 6.74     | 94    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.5        | 31.76        | 6.61     | 92    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.5        | 31.76        | 6.58     | 91    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.5        | 31.76        | 6.53     | 91    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | T      | 32° 54' 36" | 129° 52' 00" | 10:04    | bc    | 6 | ESE | 2 | 18.9 | 5.0 | 51 | 0 | 22.8 | 31.83 | 6.80 | 95  |
| 2    | 22.7        | 31.82        | 6.80  | 95  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| 5    | 22.7        | 31.83        | 6.78  | 94  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| 10   | 22.7        | 31.83        | 6.76  | 94  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B5   | 22.7        | 31.82        | 6.75  | 94  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B3   | 22.7        | 31.82        | 6.75  | 94  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B2   | 22.7        | 31.82        | 6.74  | 94  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B1   | 22.7        | 31.82        | 6.75  | 94  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| U    | 32° 53' 12" | 129° 50' 03" | 14:00 | 0   | 10 | NNW | 6       | 18.8  | 4.0    | 51 |        |             |              |          |       |   |     |   |      |     |    | 0 | 22.9 | 31.70 | 7.63 | 106 |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.8        | 31.70        | 7.62     | 106   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.8        | 31.70        | 7.60     | 106   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.6        | 31.70        | 7.43     | 103   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.6        | 31.75        | 7.03     | 98    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.7        | 31.79        | 6.80     | 95    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.7        | 31.79        | 6.69     | 93    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.7        | 31.80        | 6.64     | 93    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | V      | 32° 50' 47" | 129° 50' 43" | 8:34     | 0     | 8 | -   | 0 | 11.9 | 5.0 | 51 | 0 | 22.4 | 31.37 | 7.44 | 103 |
| 2    | 22.4        | 31.30        | 7.50  | 103 |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| 5    | 22.6        | 31.54        | 7.39  | 102 |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B5   | 22.6        | 31.63        | 7.28  | 101 |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B3   | 22.7        | 31.70        | 7.12  | 99  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B2   | 22.9        | 31.83        | 6.98  | 97  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B1   | 22.9        | 31.81        | 6.64  | 93  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| W    | 32° 55' 57" | 129° 50' 03" | 13:43 | 0   | 8  | NW  | 4       | 19.8  | 4.0    | 51 |        |             |              |          |       |   |     |   |      |     |    | 0 | 22.9 | 31.79 | 7.33 | 102 |
|      |             |              |       |     |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    | 2 | 22.9 | 31.78 | 7.36 | 102 |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.7        | 31.78        | 7.42     | 103   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.6        | 31.78        | 7.28     | 101   |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.7        | 31.84        | 7.05     | 98    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.8        | 31.95        | 6.90     | 96    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.8        | 31.99        | 6.63     | 93    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | X      | 32° 53' 12" | 129° 55' 54" | 9:42     | bc    | 5 | SE  | 3 | 15.4 | 4.0 | 51 | 0 | 22.4 | 31.53 | 7.00 | 96  |
|      |             |              |       |     |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    | 2 | 22.4 | 31.52 | 6.99 | 96  |
| 5    | 22.4        | 31.52        | 6.97  | 96  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| 10   | 22.4        | 31.53        | 6.94  | 96  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B5   | 22.4        | 31.53        | 6.93  | 96  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B3   | 22.4        | 31.53        | 6.95  | 96  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B2   | 22.5        | 31.58        | 6.92  | 96  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B1   | 22.7        | 31.80        | 6.65  | 92  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| Y    | 33° 00' 00" | 129° 55' 54" | 11:03 | bc  | 4  | -   | 0       | 16.3  | 5.0    | 51 |        |             |              |          |       |   |     |   |      |     |    | 0 | 22.7 | 31.76 | 7.05 | 98  |
|      |             |              |       |     |    |     |         |       |        |    | 2      | 22.6        | 31.77        | 7.11     | 99    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 5      | 22.6        | 31.76        | 7.07     | 98    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | 10     | 22.6        | 31.77        | 6.94     | 97    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B5     | 22.6        | 31.77        | 6.90     | 96    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B3     | 22.6        | 31.77        | 6.88     | 96    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B2     | 22.6        | 31.78        | 6.85     | 95    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | B1     | 22.6        | 31.78        | 6.84     | 95    |   |     |   |      |     |    |   |      |       |      |     |
|      |             |              |       |     |    |     |         |       |        |    | Z      | 33° 02' 42" | 129° 52' 00" | 11:34    | bc    | 7 | WNW | 3 | 16.5 | 4.0 | 51 | 0 | 22.6 | 31.99 | 6.95 | 97  |
| 2    | 22.6        | 31.99        | 6.95  | 97  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| 5    | 22.5        | 32.00        | 6.95  | 96  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B5   | 22.5        | 32.00        | 6.72  | 93  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B3   | 22.4        | 32.00        | 6.64  | 92  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B2   | 22.4        | 32.00        | 6.62  | 92  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |
| B1   | 22.4        | 32.00        | 6.61  | 92  |    |     |         |       |        |    |        |             |              |          |       |   |     |   |      |     |    |   |      |       |      |     |

付表4 伊万里湾底質分析結果

平成26年10月20日

長崎県

| Stn. | 観測層<br>cm | 硫化物<br>mgS/g 乾泥 | COD<br>mgO <sub>2</sub> /g 乾泥 | 強熱減量<br>% |
|------|-----------|-----------------|-------------------------------|-----------|
| 1    | 0~3       | 0.02            | 23.96                         | 11.7      |
| 2    | 0~3       | 0.07            | 43.90                         | 12.3      |
| 3    | 0~3       | 0.24            | 31.67                         | 13.7      |
| 4    | 0~3       | 0.07            | 32.59                         | 13.1      |
| 7    | 0~3       | 0.01            | 29.37                         | 11.5      |
| 8    | 0~3       | 0.12            | 19.49                         | 8.5       |
| 9    | 0~3       | 0.09            | 34.86                         | 12.0      |
| 10   | 0~3       | 0.09            | 26.93                         | 12.5      |
| 11   | 0~3       | 0.03            | 23.90                         | 13.6      |
| 12   | 0~3       | 0.02            | 24.65                         | 11.9      |
| 13   | 0~3       | 0.02            | 19.18                         | 9.3       |
| 14   | 0~3       | 0.10            | 29.38                         | 14.1      |
| 16   | 0~3       | 0.12            | 35.08                         | 12.3      |
| 17   | 0~3       | 0.03            | 22.46                         | 10.2      |
| 18   | 0~3       | 0.02            | 18.79                         | 17.1      |
| 19   | 0~3       | 0.05            | 27.68                         | 13.9      |
| 20   | 0~3       | 0.05            | 25.84                         | 10.1      |
| 22   | 0~3       | 0.20            | 30.16                         | 11.5      |
| 23   | 0~3       | 0.19            | 38.01                         | 11.8      |
| 4'   | 0~3       | 0.23            | 31.95                         | 12.4      |
| 6'   | 0~3       | 0.01            | 10.81                         | 9.0       |

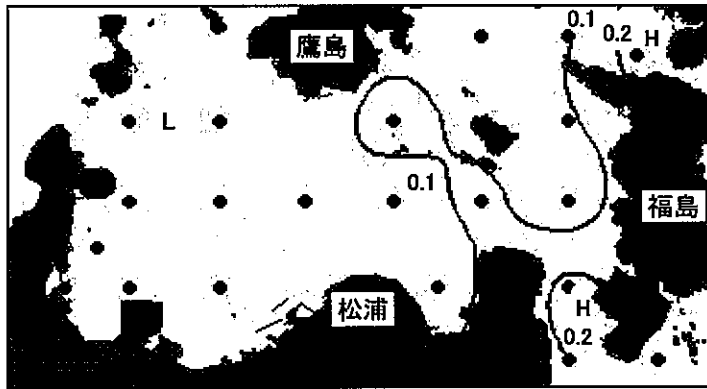
付表5 大村湾底質分析結果

平成26年10月16日

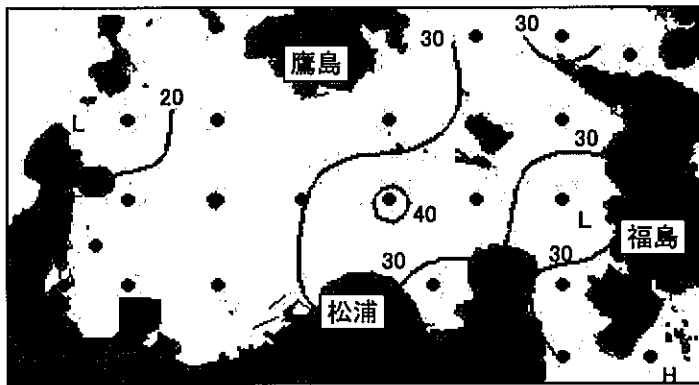
長崎県

| Stn. | 観測層<br>cm | 硫化物<br>mgS/g 乾泥 | COD<br>mgO <sub>2</sub> /g 乾泥 | 強熱減量<br>% |
|------|-----------|-----------------|-------------------------------|-----------|
| a    | 0~3       | 0.18            | 19.04                         | 13.5      |
| b    | 0~3       | 0.31            | 32.93                         | 12.2      |
| c    | 0~3       | 0.29            | 30.74                         | 9.8       |
| e    | 0~3       | 0.51            | 46.31                         | 14.2      |
| L    | 0~3       | 0.02            | 5.47                          | 4.77      |
| M    | 0~3       | 0.24            | 30.97                         | 12.3      |
| N    | 0~3       | 0.17            | 24.56                         | 12.7      |
| O    | 0~3       | 0.15            | 29.62                         | 12.7      |
| P    | 0~3       | 0.25            | 46.51                         | 12.6      |
| Q    | 0~3       | 0.30            | 34.66                         | 13.0      |
| S    | 0~3       | 0.27            | 30.58                         | 11.7      |
| T    | 0~3       | 0.23            | 43.53                         | 13.1      |
| U    | 0~3       | 0.55            | 37.56                         | 13.2      |
| V    | 0~3       | 0.20            | 29.23                         | 7.9       |
| W    | 0~3       | 0.34            | 40.87                         | 12.5      |
| X    | 0~3       | 0.20            | 45.17                         | 11.5      |
| Y    | 0~3       | 0.36            | 50.55                         | 12.2      |
| Z    | 0~3       | 0.20            | 36.76                         | 9.5       |

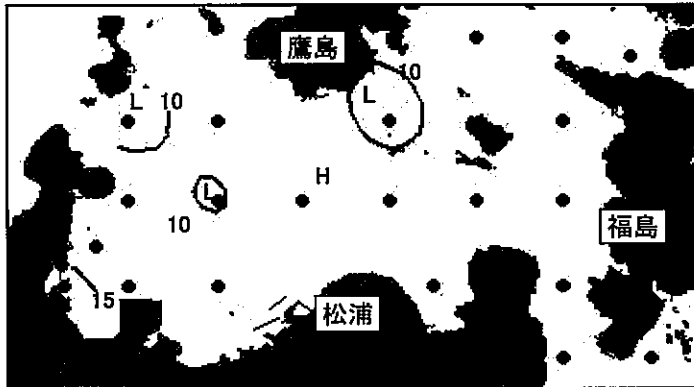




硫化物 (mg S/g乾泥)



COD (mg O<sub>2</sub>/g乾泥)



強熱減量 (%)

図2 伊万里湾の底質水平分布