

# Chlorophyll Data Sheet

Cruise: 2017-48

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Dates of Cruise:

Time and date acetone added: 2pm 24 Aug 2017

Analyst: MH + SM

Time and date out of freezer: 12pm 25 Aug 2017

Time analysis started: 1pm

| Sample #    | Station | Vol<br>filt | Vol<br>acet |    | Rb      |    | Ra      | Comments           |
|-------------|---------|-------------|-------------|----|---------|----|---------|--------------------|
| Stand-      | by      |             |             | 1- | -0.023  |    |         |                    |
| STD         |         |             | LOW         | 2- | 11.389  |    |         |                    |
| STD         |         |             | HIGH        | 4- | 61.557  |    |         |                    |
| Blank       |         |             |             | 6- | 0.005   | 8- | 0.005   |                    |
| 5m 5        | 11      | 280         | 10          | 1- | 33.745  | 2- | 20.19   | no DF no dep taken |
| 5m 9A       | 28      | 280         |             | 3- | 187.462 | 4- | 105.916 |                    |
| 5m 10A      | 41      | 140         |             | 5- | 8.317   | 6- | 4.967   |                    |
| 5m 12A      | SC-04   | 280         |             | 7- | 42.922  | 8- | 22.086  |                    |
| 0m 11A      | 41      | 140         |             | 1- | 31.765  | 2- | 17.976  |                    |
| 0m 2        | -       | 140         |             | 3- | 7.056   | 4- | 4.185   |                    |
| 5m 3        | -       | 140         |             | 5- | 35.756  | 6- | 20.66   |                    |
| 5m 12B      | SC-04   | 280         |             | 7- | 49.5    | 8- | 28.749  |                    |
| 0m or 5m 8A | 28      | 280         |             | 1- | 11.623  | 2- | 6.833   |                    |
| 0m or 5m 8B | 28      | 280         |             | 3- | 14.3    | 4- | 8.268   |                    |
| 5m 10B      | 41      | 140         |             | 5- | 8.268   | 6- | 4.702   |                    |
| 0m or 5m 9B | 28      | 280         |             | 7- | 170.947 | 8- | 95.872  |                    |
| 0m 13A      | SC-04   | 280         |             | 1- | 113.608 | 2- | 65.008  |                    |
| 0m 6        | 11      | 280         |             | 3- | 13.335  | 4- | 7.556   |                    |
| 0m 11B      | 41      | 140         |             | 5- | 34.786  | 6- | 19.947  |                    |
| 0m 13B      | SC-04   | 280         | ✓           | 7- | 117.952 | 8- | 67.362  | ↓                  |
|             |         |             |             | 1- |         | 2- |         |                    |
|             |         |             |             | 3- |         | 4- | event   | sfm                |
|             |         |             |             | 5- |         | 6- | 2       | 6001               |
|             |         |             |             | 7- |         | 8- | 10      | 11                 |
|             |         |             |             | 1- |         | 2- | 18      | 28                 |
|             |         |             |             | 3- |         | 4- | 22      | 41                 |
|             |         |             |             | 5- |         | 6- | 30      | SC-04              |
|             |         |             |             | 7- |         | 8- |         |                    |
|             |         |             |             |    |         |    |         |                    |
|             |         |             |             |    |         |    |         |                    |
| Stand-by    |         |             |             | 1- | -0.015  |    |         |                    |
| Std         | Low     |             |             | 2- | 11.103  |    |         |                    |
| Std         | High    |             |             | 4- | 60.78   |    |         |                    |
| Blank       | by      |             |             | 6- | -0.001  | 8- | -0.005  |                    |

|                                                     |                                                |                                                  |                                                |                                                   |                                |                                    |                                                |                                                |                                                |                                                   |
|-----------------------------------------------------|------------------------------------------------|--------------------------------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------------|
| 5 (180)<br>ch1a<br>2017-43<br>sta 11<br>Sm<br>bot 7 | 9 A<br>ch1<br>sta 28<br>2017-43<br>Sm<br>bot 2 | 10 A<br>ch1a<br>2017-43<br>Om<br>sta 41<br>bot 1 | 12 A<br>ch1<br>2017-43<br>Sc-04<br>Om<br>bot 1 | 11 A<br>ch1 A<br>2017-43<br>Sm<br>sta 41<br>bot 2 | 2<br>ch1<br>Om<br>2017-43<br>2 | 3<br>ch1<br>Sm<br>2017-43<br>bot 3 | 12 B<br>ch1<br>2017-43<br>Sc-04<br>Om<br>bot 1 | 8 A<br>ch1<br>sta 28<br>2017-43<br>Om<br>bot 1 | 8 B<br>ch1<br>sta 28<br>2017-43<br>Om<br>bot 1 | 10 B<br>ch1 A<br>2017-43<br>Om<br>sta 41<br>bot 1 |
|-----------------------------------------------------|------------------------------------------------|--------------------------------------------------|------------------------------------------------|---------------------------------------------------|--------------------------------|------------------------------------|------------------------------------------------|------------------------------------------------|------------------------------------------------|---------------------------------------------------|

|                                                |                                                |                                               |                                                   |                                                |
|------------------------------------------------|------------------------------------------------|-----------------------------------------------|---------------------------------------------------|------------------------------------------------|
| 9 B<br>ch1<br>sta 28<br>2017-43<br>Sm<br>bot 2 | 13 A<br>ch1<br>2017-43<br>Sc-04<br>Sm<br>bot 2 | 6<br>ch1a<br>2017-43<br>sta 11<br>Om<br>bot 2 | 11 B<br>ch1 A<br>2017-43<br>Sm<br>sta 41<br>bot 2 | 13 B<br>ch1<br>2017-43<br>Sc-04<br>Sm<br>bot 2 |
|------------------------------------------------|------------------------------------------------|-----------------------------------------------|---------------------------------------------------|------------------------------------------------|