

VPR II STANDARD LOG SHEET

Cruise: IN 368

Camera setting or FOV: S1

SR100PA

Post processing:  
 Threshold & Sobel Settings:  
 Calibration file:

| Year/Day | UTC Time | Station/Cast # | LOG File                 | Notes:   |
|----------|----------|----------------|--------------------------|--|
| 07-06-19 | 20:45    | VPR #1         | 07062044                 | 0-136, 44, 3, 309, 10, 1                                     |
|          | 20:52    |                |                          | Changing settings  |
|          | 20:55    |                | 270m cable out<br>Z=100m | 0-136, S3, ST02, 300, 10, 1 (VPR6, 7 PER 1904)               |
|          |          |                |                          | Starboard sound more active than port T6A vs T2A             |
|          | 22:22    |                |                          | Diatoms starting to show up @ surface                        |
|          | 23:05    |                |                          | 245 m of cable   |
|          | 23:12    |                |                          | Diatoms @ 25m <span style="margin-left: 100px;">2-30m</span> |
|          | 23:18    |                |                          | 225 m of cable   |
|          | 23:22    |                |                          | 200 m of diatoms   |
|          | 23:28    |                |                          | 175 m of wire  |
|          | 23:32    |                |                          | 150 m of cable   |
|          | 23:36    |                |                          | 125 m of cable <span style="margin-left: 100px;">↓</span>    |
|          | 23:46    |                |                          | 5th sound T6A <span style="margin-left: 100px;">2-60m</span> |
|          | 00:30    |                |                          | out of water   |

VPR II STANDARD LOG SHEET

Cruise: TN 368

Camera setting or FOV: S1

Post processing:

Threshold & Sobel Settings: 0-136, S3, 5702, 300, 10, 1

Calibration file:

| Year/Day | UTC Time | Station/Cast # | LOG File | Notes:   |
|----------|----------|----------------|----------|--|
| 07/07/19 | 20:53    | VPR 2          | 07072053 |  |
|          | 21:01    |                |          | Change to above settings   |
|          | 21:42    |                |          | 500m of w/o 3m → 110m  |
|          | 21:49    |                |          | 3 → 120m   |
|          | 22:03    |                |          | STB local currents   |
|          | 22:25    |                |          | 10kt. speed 0.9rd. (50G)   |
|          | ~23:00   |                |          | Made turn to SE to get on streamer line.   |
|          | 02:43    |                |          | slowed down to 4.5 kts due to high tension, starting turn                        |
| 07/08    | 07:20    |                |          | Diatoms in top 200m, Fluor ~ 100 High Fluoro (+300) in 35-45m... no visible rods |
|          | 08:15    |                |          | Survey looks good - ready for retrieval  |
|          | 2:53     |                |          | top cap. r   |
|          | 08:55    |                |          | Retrieved  |
| 07/09    |          | VPR 3          | 07080853 |  |
|          | 22:19    |                |          | Calc 0-136, S3, 5702, 300, 10, 1<br>300m of w/o                                  |
|          | 22:38    |                |          | 10G file on board<br>Fluor   |
| ~2315(Z) | 1915(L)  |                |          | Turn to EAST   |
| 07/10/19 | 0018(Z)  |                |          | 33% few diatoms in surface   |

STANDARD LOG SHEET

VPR II

Camera setting or FOV: SZ

Post processing:

Threshold & Sobel Settings: 0-136, Sob 3, 502, 300

10, 1

Calibration file:

| Year/Day | UTC Time  | Station/Cast # | LOG File                        | Notes:   |
|----------|-----------|----------------|---------------------------------|--|
| 07/10/19 | 0112      | VPR 3 (cont.)  | 07000853                        | PINTONS / @ 50 m → 38m Fluro = +750                |
|          | 0120      |                |                                 | Fluro: MAG @ 40m /                                 |
|          | 0145      |                |                                 | Making turn to South                               |
|          | 0225      |                |                                 | Making turn to West                                |
|          | 0233      |                |                                 | Turn complete - going West.                        |
|          | 0246      |                |                                 | Start of Distaw patch. Deep - 60 → 40 = 1200 Fluro |
|          | 0401      |                |                                 | over   |
| 07/10/19 | 01:18 (Z) | VPR 4          | 07010355 - read 105<br>07110119 | 01:10 - start                                      |
|          | 0134      |                |                                 | Turn to 180  |
|          | 0158      |                |                                 | Turning to East                                    |
|          | 02:08     |                |                                 | Turn to E completed                                |
|          | 02:28     |                |                                 | lots of blimps + distaw ~ 45m.                     |
|          | 0242      |                |                                 | 3385 = Fluro ~ 40m                                 |
|          | 03:08     |                |                                 | Start turn to South                                |
|          | 0315      |                |                                 | End turn to S complete                             |
|          | 0327      |                |                                 | Start turn to West                                 |
|          | 0343      |                |                                 | Turn to west complete                              |
|          | 0404      |                |                                 | Turn South.  |
|          | 0437      |                |                                 | Turn complete                                      |

lots of Turn  
by  
Distaw  
blimps

(selectious organis  
Tearaw), anaxthis

VPR II STANDARD LOG SHEET

Cruise: 7N368

Camera setting or FOV:

Post processing:

Threshold & Sobel Settings: 0-136, 3, 2, 300, 10, 1

Calibration file:

| Year/Day | UTC Time | Station/Cast # | LOG File     | Notes:                                      |
|----------|----------|----------------|--------------|---|
| 07/11/9  | 0446     | VPR4 cont      | 07110119.Y19 | Start turn to east                          |
|          | 0503     |                |              | Finish turn to E                            |
|          | 0620     |                |              | stop capture                                |
| 07/12    | 1900     | VPR5           | 07110620     | Launch                                      |
|          | 1107     |                |              | turn to 045                                 |
|          | 1945     |                |              | Sphere, but not a lot of long chains @ ~50m |
|          | 1954     |                |              | Diatoms @ 50 FI = <del>200</del> 700        |
|          | 2033     |                |              | 1153 Fluo @ 45m                             |
|          | 2056     |                |              | Starboard turn about SE                     |
|          | 2108     |                |              | 1392 FI                                     |
|          | 2230     |                |              | Turning to NE                               |
|          | 2250     |                |              | back in patch                               |
|          | 2340     |                |              | start turn to Starboard                     |
|          | 2353     |                |              | on course 135°                              |
| 07/13    | 0059     |                |              | △ But depth to 117 - wouldn't descend below |
|          | 0129     |                |              | stop capture                                |

VPR II Log Sheet for 7N368

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 Calibration file:

| Year/Day   | UTC Time             | Station/Cast # | LOG File     | Notes:   |
|------------|----------------------|----------------|--------------|--|
| 07-13-2019 | 1820                 | VPR 6          | 07131821     | Edward Blimp's present ~ 50m<br>Blimp's 2 = 52, dist 52 ~ 30m<br>Turn point to 090<br>OPTICAL GASKRATTA. FILES IN READINGS -> BACK 23 JS |
|            | 2218 <sup>1928</sup> |                |              | START TURNING -> 02:10 FINISH TURNING 00:00  |
|            | ~23:15               |                |              | stop capture   |
|            | ~01:55               |                |              |  |
|            | 2145                 |                |              |  |
| 07/15/19   | 04:00                | VPR 7          | 07150400.Y19 | - START  |
|            | 04:25                |                |              | - DITTON PATCH animal!   |
|            | 04:36                |                |              | Blimp @ 80-70m -> 50. 500  |
|            | 1004                 |                |              | thinking a boat pulling... still in bloom  |
|            | 1011                 |                |              | definitely calling it.   |
|            | 10:43                |                |              | stop capture   |
| 7/15/19    | 13:00                | VPR 8          | 07151300.Y19 | Start turnt to A13   |
|            | 1331                 |                |              | 1750 on Fluo @ 35m   |
|            | 1336                 |                |              | - up to 9.5kt,   |
|            | 1358                 |                |              | DITTONS necessary - blimp's decreasing   |
|            | 1507                 |                |              | stop capture   |
|            | 1933                 |                |              | stop capture   |

1956

stop capture

