

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 15 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 2-2-2016 Time 1909 UTC

Deployed by Ryder / Smith Recorder/Observer Bigorre

Ship and Cruise No. Endeavor EN573 Intended Duration 365 days

Depth Recorder Reading 4945 (12kHz) m Correction Source Mattews table

Depth Correction +38m m

Corrected Water Depth 4983 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 14° 49.429' Lon. (E/W) 51° 00.819'

Surveyed Pos. Lat. (N/S) 14° 49.50' Lon. (E/W) 51° 00.978'

Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech 8242 XS Tested to 1,500 m

Release No. 1 (sn) 35321 Release No. 2 (sn) 35322

Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz

Reply Freq. 12 kHz Reply Freq. 12 kHz

Enable 111552 Enable 111613

Disable 111571 Disable 111630

Release 127524 Release 127541

Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC

Latitude (N/S) _____ Longitude (E/W) _____

Recovered by _____ Recorder/Observer _____

Ship and Cruise No. _____ Actual duration _____ days

Distance from waterline to buoy deck 75 cm

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| Surface Components | | | |
|---|-------|---------|-------------------|
| Buoy Type <u>MOB</u> Color(s) Hull Tower <u>blue hull, yellow deck, white tower</u> | | | |
| Buoy Markings <u>If found adrift contact Woods Hole Oceanographic Woods Hole, MA 02543 USA 508-457-1401</u> | | | |
| Surface Instrumentation | | | |
| Item | ID # | Height* | Comments |
| ASIMET logger | 05 | | Starboard's J-box |
| HRH | 232 | 235 | |
| BPR | 216 | 244 | |
| WND | 241 | 270 | |
| PRC | 213 | 235 | |
| LWR | 205 | 280 | |
| SWR | 213 | 280 | |
| SST | 3601 | -153 | forward stbd |
| PTT | 14623 | | |
| ASIMET logger | 06 | | Port's J-box |
| HRH | 257 | 237 | |
| BPR | 212 | 244 | |
| WND | 239 | 270 | |
| PRC | 219 | 235 | |
| LWR | 208 | 280 | |
| SWR | 503 | 280 | |
| SST | 3604 | -153 | forward port |
| PTT | 67720 | | |
| SBE39AT | 5270 | 225 | |
| LASCAR | | 208 | |
| VWX | 006 | 258 | |
| XEOS Aelo | | | 300034013709960 |
| *Height above buoy deck in centimeters | | | |

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| Item No. | Length (m) | Item | Depth | Inst No. | Time Over | Time Back | Notes |
|----------|------------|----------------|-------|----------|-----------|-----------|--------------------|
| 1 | | buoy | 0 | | 1308 | | |
| 2 | 5 | EM chain | | | | | |
| 3 | | SBE 39 | 5 | 3479 | 1308 | | |
| 4 | | NORTEK ADCM | 5.7 | 12688 | 1308 | | |
| 5 | | RBR SOLO-D | 6 | 78197 | 1306 | | |
| 6 | 79 | 7/16 wire | | | | | 15187-7 |
| 7 | | SBE 37 IM | 10 | 13409 | 1306 | | NO Copper guard |
| 8 | | NORTEK ADCM-IM | 13 | 12309 | 1306 | | looks up with vane |
| 9 | | SBE 39 | 15 | 7680 | 1306 | | |
| 10 | | SBE 39 | 20 | 7681 | 1306 | | |
| 11 | | NORTEK ADCP | 24 | 12393 | 1306 | | |
| 12 | | SBE 37 IM | 25 | 13410 | 1306 | | no copper guard |
| 13 | | SBE 39 | 30 | 7682 | 1306 | | |
| 14 | | SBE 39 | 35 | 7683 | 1306 | | |
| 15 | | SBE 37 IM | 40 | 13411 | 1306 | | no copper guard |
| 16 | | SBE 39 | 45 | 7684 | 1306 | | |
| 17 | | SBE 39 | 50 | 7687 | 1306 | | |
| 18 | | SBE 37 IM | 55 | 13412 | 1306 | | no copper guard |
| 19 | | SBE 39 | 60 | 7688 | 1314 | | |
| 20 | | SBE 39 | 65 | 7689 | 1315 | | |
| 21 | | SBE 37 IM | 70 | 13413 | 1317 | | no copper guard |
| 22 | | SBE 39 | 75 | 7690 | 1318 | | |
| 23 | | SBE 39 | 80 | 7691 | 1325 | | |
| 24 | | RBR SOLO-D | 83 | 78198 | 1325 | | |
| 25 | | RDI ADCP | 85 | 23281 | 1328 | | looks up |

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|----------|------------|--------------------|-----------------------|----------|-----------|-----------|---------------------------------------|
| 26 | 500 | 3/8 wire | | | | | 15187-2 |
| 27 | | SBE 39 | 90 | 7692 | 1329 | | |
| 28 | | SBE 39 | 100 | 7693 | 1329 | | |
| 29 | | SBE 39 | 110 | 7694 | 1330 | | } paired with star-odd1 |
| 30 | | Starmon Oddi | 110 | 5275 | 1330 | | |
| 31 | | Starmon Oddi | 120 110 | 5276 | 1331 | | |
| 32 | | Starmon Oddi | 130 | 5277 | 1331 | | |
| 33 | | Starmon Oddi | 140 | 5278 | 1331 | | |
| 34 | | Starmon Oddi | 150 | 5279 | 1333 | | |
| 35 | | Starmon Oddi | 160 | 5280 | 1334 | | |
| 36 | 500 | 3/8 wire | | | | | 14032-2 |
| 37 | 500 | 3/8 wire | | | | | 15187-3 |
| 38 | 200 | 3/8 wire | | | | | 14032-4 |
| 39 | 100 | 3/8 wire | | | 1420 | | } encapsulated termination 14032-6 |
| 40 | 200 | 7/8 nylon | | | | | |
| 41 | 500 | 7/8 nylon | | | | | |
| 42 | 2000 | 3/4 nylon | | | | | |
| 43 | 100 | 7/8 nylon | | | | | |
| 44 | 1500 | 1" Colmega | | | | | |
| 45 | | glassballs (56) | | | 1710 | | 14 |
| 46 | | SBE 16 | 38 m above | 2323 | 1721 | | } paired |
| 47 | | SBE 16 | bottom | 2324 | 1721 | | |
| 48 | 5 | 1/2" chain | | | | | |
| 49 | | release | | 35321 | | | } paired |
| 50 | | release | | 35322 | | | |

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|----------|------------|------------|-------|----------|-----------|-----------|-------|
| 51 | 5 | 1/2" chain | | | | | |
| 52 | 20 | 1" nylon | | | | | |
| 53 | 5 | 1/2" chain | | | | | |
| 54 | | anchor | | | | | |
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| Item No. | Length (m) | Item | Depth | Inst No. | Time Over | Time Back | Notes |
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