

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. UTAS 12 MOORED STATION NO. 1256

Launch (anchor over)

Date (day-mon-yr) 3-12-2012 Time 21:10 21:14 UTC
Deployed by PIETRO Recorder/Observer GALBRAITH
Ship and Cruise No. PISCES PS 12-08 Intended Duration _____
Depth Recorder Reading NA no data m Correction Source DATA FROM 2010 CRUISE
Depth Correction 38 m (MATHEWSTMOES) EVENT FILES WAS USED, A MATCHING POSITION
FOUND IN ECHO SOUNDER FILE
Corrected Water Depth 5035 m Magnetic Variation (E/W) _____
Anchor Drop Lat. (N/S) 14° 45.115 Lon. (E/W) 50° 56.505
Surveyed Pos. Lat. (N/S) 14° 44.953' Lon. (E/W) 50° 56.976
Argos Platform ID No. 502 p 3 Additional Argos Info on pages 2 and 3
WATCH CIRCLE 4 NM
Acoustic Release Model EDGETECH 8242 Tested to 1500 m
Release No. 1 (sn) 33409 Release No. 2 (sn) 33043
Interrogate Freq. RECV 12 Interrogate Freq. RECV 12
Reply Freq. XMIT 11 Reply Freq. XMIT 11
Enable 361073 Enable 314363
Disable 361102 Disable 314404
Release 346362 Release 332273

Recovery (release fired)

Date (day-mon-yr) 25 Oct 2013 Time 0953 UTC
Latitude (N/S) 14° 45.15' N Longitude (E/W) 50° 57.123' W
Recovered by Pietro Recorder/Observer Pheddemann
Ship and Cruise No. RB-13-05 Actual duration _____ days
Distance from waterline to buoy deck 80cm

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Surface Components

Buoy Type MODULAR FOAM Color(s) YELLOW ABOVE BLUE BELOW Hull/Tower WHITE

Buoy Markings 'SOB 548 1401 USA' IF FOUND ADAPT

WATERLINE MARKS @ 55, 75, 85, 95

Surface Instrumentation

| Item | ID # | Height* | Comments |
|------------|------|---------|-----------------------|
| ASIMET LGR | 12 | | |
| HRH | 215 | 223 | |
| BPR | 212 | 235 | |
| WND | 238 | 266.5 | |
| PRC | 207 | 243 | |
| LWR | 210 | 276 | CLEANED 12/12/03 1408 |
| SWR | 505 | 276 | " |
| SST | 1836 | | |
| ASIMET LGR | 16 | | |
| HRH | 231 | 222.5 | Corrected ht 2014/04 |
| BPR | 503 | 235 | |
| WND | 207 | 266.5 | |
| PRC | 206 | 242.5 | |
| LWR | 224 | 276 | CLEANED 12/12/03 |
| SWR | 208 | 276 | |
| SST | 3604 | | |
| WXT520 | 6 | 257 | |
| SBE39 | 3272 | 226.5 | |
| LASCAR | 225 | 206 | EL-USB-2 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

*Height above buoy deck in centimeters

ARRAY NAME AND NO. ATLAS 12 MOORED STATION NO. 1256

| Item No. | Length (m) | Item | Depth | Inst No. | Time Over | Time Back | Notes |
|----------|------------|-------------------|---------------|----------------|--------------|-----------|--|
| 1 | | BUOY | | | 1532 | 1640 | |
| 2 | 5 | ENCHAIN | | | 1512 | 1640 | |
| 3 | | SBE 39 | 5 | 539 | | 1656 | |
| 4 | | NORTEK | 5.7 | 9467 | 1510 | 1656 | CM |
| 5 | 78 | 7/16 WIRE | | | | | |
| 6 | | SBE 39I | 10 | 4465 | 1510 | 1657 | |
| 7 | | NORTEK | 13 | 5973 | 1510 | 1658 | CM-IV |
| 8 | | SBE 39 | 15 | 545 | 1533 | 1658 | |
| 9 | | NORTEK | 18 | 432 | | | NOT DEPLOYED (NO CLAMPS) |
| 10 | | SBE 39 | 20 | 546 | | 1659 | |
| 11 | | SBE 37I | 25 | 669 | | 1659 | |
| 12 | | RBR D00 | 26 | 61568 | 1538/10 | 1659 | |
| 13 | | SBE 39 | 30 | 631 | | 1700 | |
| 14 | | SBE 39 | 40 | 677 | 1533 | 1700 | |
| 15 | | SBE 37I | 45 | 684 | | 1600 | |
| 16 | | SBE 39 | 50 | 678 | 1534 | 1559 | |
| 17 | | SBE 39 | 60 | 680 | 1546 | 1558 | OVER @ 1443 |
| 18 | | SBE 37I | 65 | 686 | 1547 | 1556 | OVER 1540 |
| 19 | | SBE 39 | 70 | 681 | 1548 | 1555 | |
| 20 | | SBE 39I | 80 | 4466 | 1604 1559 | 1553 | 1553 ONLINE, OVER A SIDE 1559 NO MARK ON WIRE @ 90m |
| 21 | 1 | 3/4 CHAIN | | | | | |
| 22 | | A DCP | 85 | 2125 | 1613 | 1548 | 300KHZ RDI very clean |
| 23 | 500 | 3/8 WIRE | | | | | SHOT # 12104 |
| 24 | | SBE 39 | 90 | 684 | 1622 | 1547 | |
| 25 | | SBE 39 | 100 | 750 | 1624 | 1546 | |

wire
← cut
16:04

ARRAY NAME AND NO. NTAS 12MOORED STATION NO. 1256

| Item No. | Length (m) | Item | Depth | Inst No. | Time Over | Time Back | Notes |
|----------|------------|-----------------|-------|------------------|-----------|-----------|--------------------------------|
| 26 | | SBE 39 | 110 | 3480 | 1628 | 1545 | |
| 27 | | STARODDI | 110 | 3167 | 1628 | 1545 | |
| 28 | | STARODDI | 120 | 3168 | 1629 | 1544 | |
| 29 | | STARODDI | 130 | 3169 | 1630 | 1544 | |
| 30 | | STARODDI | 140 | 3170 | 1631 | 1543 | |
| 31 | | STARODDI | 150 | 3171 | 1632 | 1543 | |
| 32 | | STARODDI | 160 | 3791 | 1632 | 1542 | |
| 33 | 500 | 3/8 WIRE | | 10059-4 | | 1532 | 100 5 94 |
| 34 | 500 | 3/8 WIRE | | 12104-3 | | 1517 | 12104-3 |
| 35 | 200 | 3/8 WIRE | | 11136-4 | | 1457 | 111 364 |
| 36 | 100 | 3/8 WIRE | | 11136-5 | | 1446 | 111 365 |
| 37 | 90 | 7/8 NYLON | | | | 1442 | @17:51 (START) 1758 (END) |
| 38 | 500 | 7/8 NYLON | | | | 1430 | |
| 39 | 2100 | 3/4 NYLON | | | 41904- | 1415 | cut out sections for pull test |
| 40 | 100 | 7/8 NYLON | | | | 1303 | |
| 41 | 1500 | COLMEGA | | | | 1255 | |
| 42 | | 56 GLASS BALLS | | | | 1126 | 4 imploded on recovery |
| 43 | | SBE 16 | 4940 | 1877 | | 1130 | HAS POISON PLUGS |
| 44 | | SBE 16 | 4940 | 1878 | | 1130 | DOES NOT HAVE PLUGS |
| 45 | 5 | 1/2 TRAWL CHAIN | | | | | |
| 46 | | RELEASE | | | | 1135 | 2024 enabled |
| 47 | 5 | 1/2 CHAIN | | | | | |
| 48 | 20 | SAMSON (1") | | | | | |
| 49 | 5 | 1/2 CHAIN | | 31159 | | | |
| 50 | | ANCHOR | | 2110 | 2114 | | |