

Moored Station Log

PAGE 1

(fill out log with black ball point pen only)

ARRAY NAME AND NO. STRATUS II MOORED STATION NO. 1080

Launch (anchor over)

Date 19 October 2001 Time 19:46:00 UTC
day-mon-year
Latitude 20° 08' 45.1" N or (S) Longitude 85° 08' 18.0" E or (W)
deg-min deg-min
Position Source: GPS, LORAN, SAT. NAV., OTHER GPS
Deployed by: Ostrom, Bauchard, Lord, Weller Recorder/Observer: Charlotte Valle
Ship and Cruise No. Brown = RB-01-08 Intended duration: 365 days
Depth Recorder Reading 4459 m Correction Source: _____
Depth Correction -4 m _____
Corrected Water Depth 4454 m Magnetic Variation: _____ E or W
Anchor Position: Lat. 20° 8.597 N or (S) Long. 85° 8.4351 E or (W)
Argos Platform ID No. See next page Additional Argos Info may be found
on pages 2 and 3.

Acoustic Release Information

Release No. 701740 Tested to 1000 meters
Receiver No. 1 Release Command 13
Interrogate Freq. 11 KHz Reply Freq. 10 KHz

Recovery (release fired)

Date 22 October 2002 Time 12:59:43 UTC
day-mon-year ~~12:59:43~~
Latitude 20° 8.594' N or (S) Longitude 85° 8.350' E or (W)
deg-min deg-min
Position Source: GPS, LORAN, SAT. NAV., OTHER GPS
Recovered by: Lord, Dunn, Ryder, Weller, Smith Recorder/Observer: Lara Hutto
Ship and Cruise No. Melville Vance 03 Actual duration: 367.7 days
Distance from actual waterline to buoy deck ~ 0.406 meters

Depth from deck

| Sub-Surface Instrumentation on Buoy and Bridle | | | |
|--|--------|--------|--|
| Item | ID | Depth† | Comments |
| INET SB37 | 1834 | 1 m | System # 1 |
| INET SB 37 | 1837 | 1 m | System # 2 |
| SEACAT | 1882 | 1.1 m | |
| AREOS xmtc | 24 576 | 1.5 m | clamped to bridle (to the center) |
| SBE 39 | 0477 | ∅ | Floating SST |
| Bridle | - | - | No tension logged |
| | | | Termination of bridle to... |
| | | | 0.48 m 3/4" prof coil chain is: |
| | | | U joint - 1" chain shackle - 1" end link |
| | | | - 7/8 |
| | | | |
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| | | | |
| † Depth below buoy deck | | | |

Sub-Surface Components

| | Type | Size(s) | Manufacturer | | |
|-----------------------------------|----------------------------|---------|--------------|--------|--|
| Chain | | | | | |
| Wire Rope | | | | | |
| | | | | | |
| Synthetics | | | | | |
| | | | | | |
| | | | | | |
| Hardware | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Flotation | Type (G.B.s, Spheres, etc) | Size | Quantity | Color | |
| | GB's w/hard hats | 17" | 80 | yellow | |
| | | | | | |
| | | | | | |
| No. of Flotation Clusters _____ | | | | | |
| Anchor Dry Weight <u>9300</u> lbs | | | | | |

MOORED STATION NUMBER

1080

pk from
using

| Item No. | Lgth [m] | Item | Inst No. | Time Over | Notes | Data No. | Calc Dpth | Time Back | Notes |
|-----------|----------|---------------------------|----------|-----------|-------------------------------|----------|-----------|-----------|----------------------|
| 1 | 0.48 | 3/4" Proof wire chain | | | | | | | |
| .71m | | seacat | 994 | | | | | 23:02:00 | |
| | 1.98 | 3/4" P.C.C | | | | | | | |
| 7 | | seacat | 2324 | 13:05:30 | | | | 23:02:54 | |
| | 1.3 | 3/4" P.C.C | | | | | | | |
| 10 | | VNEN | 031 | 13:01:30 | when rotation started | | | 23:09:32 | bands on 23:11:26 |
| | 0.75 | 3/4" P.C.C | | | | | | | |
| 13 | | TPOD | 3305 | 13:01:30 | | | | 23:12:57 | |
| | 1.71 | 3/4" P.C.C | | | | | | | |
| 16 | | seacat | 2322 | 13:00:00 | | | | 23:12:59 | |
| | 2.26 | 3/4" P.C.C | | | | | | | |
| 20 | | VNEN | 023 | 12:56:30 | Time when rotation started | | | 23:17:11 | bands on 23:18:23 |
| | 2.48 | 3/4" P.C.C | | | | | | | |
| 25 | | TPOD | 3761 | 12:55:50 | | | | 23:20:40 | |
| | 3.7 | 3/4" P.C.C | | | | | | | |
| 30 | | seacat | 2323 | 12:54:00 | | | | 23:23:32 | |
| | 0.55 | 3/4" P.C.C | | | | | | | |
| 32.5 | | VNEN | VN-027 | 12:50:20 | when rotation started | | | 23:25:59 | bands on 23:27:25 |
| | 0.55 | 3/4" P.C.C | | | | | | | |
| 35 | | TPOD | 4489 | 12:48 | | | | 23:25:59 | |
| Date/Time | | Comments | | | | | | | |
| | | P.C.C = Proof Coil Chain | | | | | | | |
| | | All TPOD's are brankers | | | | | | | |
| | | All seacat's are SBE 1621 | | | | | | | |
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MOORED STATION NUMBER

1080

depth from
showing

| Item No. | Lgth [m] | Item | Inst No. | Time Over | Notes | Data No. | Calc Dpth | Time Back | Notes |
|-----------|----------|---------------------|----------|-----------|-------|----------|-----------|-----------|-------|
| 21 | 1.25 | 3/4" P.C.C | | | | | | | |
| 37.5 | | Acoustic Rain gauge | IBIS | 12:47 | | | | 23:28:56 | |
| | 1.25 | 3/4" P.C.C | | | | | | | |
| 40 | | Seawat | 0144 | 12:45:00 | | | | 23:28:56 | |
| | 6.2 | 7/16" wire | | | | | | 22:02:41 | |
| 47.5 | | TPOD | 3283 | 13:36:19 | | | | 21:59:27 | |
| | 6.2 | 7/16" wire | | | | | | 21:58:54 | |
| 55 | | TPOD | 3233 | 13:39:28 | | | | 21:56:44 | |
| | 6.2 | 7/16" wire | | | | | | 21:56:23 | |
| 62.5 | | Seawat | 0927 | 13:41:25 | | | | 21:53:18 | |
| | 6.2 | 7/16" wire | | | | | | 21:53:10 | |
| 70 | | TPOD | 4488 | 13:43:53 | | | | 21:50:14 | |
| | 6.2 | 7/16" wire | | | | | | 21:49:55 | |
| 77.5 | | TPOD | 3667 | 13:46:07 | | | | 21:47:44 | |
| | 6.2 | 7/16" wire | | | | | | 21:47:05 | |
| 85 | | Seawat | 0928 | 13:47:40 | | | | 21:44:29 | |
| | 6.2 | 7/16" wire | | | | | | 21:44:03 | |
| 92.5 | | TPOD | 4481 | | | | | 21:41:00 | |
| | 6.2 | 7/16" wire | | | | | | 21:40:24 | |
| 100 | | TPOD | 3309 | 13:54:15 | | | | 21:38:22 | |
| Date/Time | | Comments | | | | | | | |
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MOORED STATION NUMBER

1080

| | Item No. | Lgth [m] | Item | Inst No. | Time Over | Notes | Data No. | Calc Dpth | Time Back | Notes |
|-----|----------|------------------|------------|-----------------|-----------|------------------------------------|----------|-----------|-----------|-------|
| | 41 | 14 | 7/16" wire | | | | | | 21:37:37 | |
| 115 | 42 | | TPOD | 3701 | 13:57:44 | | | | 21:34:15 | |
| | 43 | 14 | 7/16" wire | | | | | | 21:33:23 | |
| 130 | 44 | | seacat | 0993 | 13:59:50 | | | | 21:39:43 | |
| | 45 | 3.09 | 3/4" p.c.e | | | | | | 21:30:04 | |
| 135 | 46 | | ADCP | TSN 1220 | 14:03:49 | upward looking | | | 21:27:05 | |
| | 47 | 8.5 | 7/16" wire | | | | | | 21:26:36 | |
| 145 | 48 | | TPOD | 3704 | 14:07:20 | | | | 21:23:47 | |
| | 49 | 14 | 7/16" wire | | | | | | 21:22:03 | |
| 160 | 50 | | TPOD | 4483 | 14:12:35 | | | | 21:19:24 | |
| | 51 | 28.5 | 7/16" wire | | | | | | 21:17:14 | |
| 190 | 52 | | seacat | 0146 | 14:16:41 | | | | 21:14:19 | |
| | 53 | 28.5 | 7/16" wire | | | | | | 21:10:55 | |
| 220 | 54 | | TPOD | 4493 | 14:20:43 | | | | 21:07:36 | |
| | 55 | 13 | 7/16" wire | | | | | | 21:06:53 | |
| 235 | 56 | | VNEN | NA | 14:22:40 | beaving last eye 14:24:26 in water | | | 21:03:09 | |
| | 57 | 13 | 7/16" wire | | | | | | | |
| 250 | 58 | | TPOD | 3703 | 14:27:49 | | | | 20:58:51 | |
| | 59 | 100 | 3/8" wire | | | | | | 20:52:02 | |
| 349 | 60 | | SBE 39 | 0282 | 14:38:32 | clamped on wire | | | 20:45:20 | |
| | | Date/Time | | Comments | | | | | | |
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MOORED STATION NUMBER

1080

depth from
reel/winch

| Item No. | Lgth [m] | Item | Inst No. | Time Over | Notes | Data No. | Calc Dpth | Time Back | Notes |
|--------------|----------|--|---------------|----------------------|--------------------------------|----------|-----------|-----------|----------------------|
| 350 61 | | VINEN | VN-001 203 | 14:35:40 | New Gen when retrieved | | | 20:45:20 | bands on 20:50:25 |
| 62 | 100 | 3/8" wire | | | | | | 20:32:55 | |
| 450 63 | | SBE 39 | 0276 | 14:50:47 | clamped on wire | | | 20:27:12 | |
| 64 | 300 | 3/8" wire | | 14:51:00 | | | | 20:09:54 | |
| 65 | 500 | 3/8" wire | | 15:02:25 | | | | 19:52:20 | |
| 66 | 500 | 3/8" wire | | 15:22:13 | | | | 19:30:22 | |
| 67 | 200 | 3/8" wire | | 15:37:27 | | | | 19:21:05 | |
| 68 | 100 | 3/8" wire | | 15:44:42 | one piece wrapped turn | | | 19:16:20 | |
| 69 | 200 | 7/8" Nylon | | 15:48:42 | | | | 19:05:17 | |
| 70 | 150 | 7/8" Nylon | | 15:56:05 | | | | 18:59:32 | |
| 71 | 500 | 7/8" Nylon | | 17:33:08 | | | | 17:51:49 | |
| 72 | 500 | 7/8" Nylon | | 18:00:22 | | | | 17:32:58 | |
| 73 | 500 | 7/8" Nylon | | 18:13:00 | | | | 17:15:56 | |
| 74 | 100 | 1" Nylon | | 18:15:35 | one piece to be spliced at sea | | | 17:12:10 | Time on spool |
| 75 | 1400 | 1 1/8" Polypa | | 18:36:35 | | | | | |
| 76 | 80 | 17" glass balls | | 19:05:00 19:22:00 | start & end time | | | 14:02:45 | |
| 77 | 5 | 1/2" Trawl chain | | 19:23 | | | | | |
| 78 | | Acoustic release Egg model 322 | 701740 | 19:39:50 | | | | | |
| 79 | 5 | 1 1/2" Trawl chain | | 19:40 | | | | | |
| 80 | 20 | 1" Sampson Nylon | | 19:44:40 | | | | | |
| Date/Time | | Comments | | | | | | | |
| line 76 | | Pin removed (cordon détaché de l'Acoustic. R) 19:27:00 | | | | | | | |
| line 80 | | Anchor drop pentan: 20°08'45.1" S // 85°08'18.0" W | | | | | | | |
| line 70 + 71 | | Unwound winch in between sections 70 and 71 | | | | | | | |
| line 74 + 75 | | Unwound winch in between sections 75 and 74 | | | | | | | |
| 15:40:42 | | 1" Nylon (74) seen and held while winch unwound | | | | | | | |

