

# Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. STRATUS XII MOORED STATION NO. 1247

## Launch (anchor over)

Date (day-mon-yr) 27 MAY 2012 Time 22:03:04

Deployed by JLORD Recorder/Observer N GALBRAITH

Ship and Cruise No. MELVILLE MV1207 Intended Duration 1 year

Depth Recorder Reading 2MHz 4562.2 m MULTIBEAM DEPTH Correction Source CTD

Depth Correction CTD fed to Seabeam m Sound speed 1503.3 m/s

Corrected Water Depth 4538.97 m Magnetic Variation (E/W) 10.5

Anchor Drop Lat. (N/S) 19° 56.333 Lon. (E/W) 85° 17.594

Surveyed Pos. Lat. (N/S) 19 56.3064 Lon. (E/W) **85 17.5598**

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

Acoustic Release Model \_\_\_\_\_ Tested to \_\_\_\_\_

Release No. 1 (sn) 35316 Release No. 2 (sn) 31335

Interrogate Freq. 11 Interrogate Freq. 11

Reply Freq. 12 Reply Freq. 12

Enable 111273 Enable 471427

Disable 111303 Disable 471442

Release 127413 Release 447756

## Recovery (release fired)

Date (day-mon-yr) \_\_\_\_\_ Time \_\_\_\_\_

Latitude (N/S) \_\_\_\_\_ Longitude (E/W) \_\_\_\_\_

Recovered by \_\_\_\_\_ Recorder/Observer \_\_\_\_\_

Ship and Cruise No. \_\_\_\_\_ Actual duration \_\_\_\_\_

**Surface Components**

SURLYN FOAM

Buoy Type MOPS Color(s) Hull Tower YELLOW DECK, BLUE UNDER; TOWER WHITE

Buoy Markings IF FOUND A DRIFT CONTACT WOODS HOLE OCEANOGRAPHIC  
WHOI 508 548 1401 USA

**Surface Instrumentation**

Item	ID #	Height*	Comments
HRH-1	213		ON AZIMUT LOGGER SN 1
BPR-1	219		
SWND-1	217		
PRC-1	204		
LWR-1	219		
SWR-1	501		
HRH-2	230		ON AZIMUT LOGGER SN 2
BPR-2	217		
WND-2	240		
PRC-2	208		
LWR-2	209		
SWR-2	503		
WND	225		STAND-ALONE
HRH	219		
SBE 39	5275		
WXT 520	5		
LASCAR	9174		

\*Height above buoy deck in centimeters



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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BODY			1507		LOI SPT, LOZ PORT
2	.22	<sup>3</sup> / <sub>4</sub> CHAIN					
3		SBE37	2	1304			
4	.37	<sup>3</sup> / <sub>4</sub> CHAIN					
5		SBE37	3.7	1899			
6	1.95	<sup>3</sup> / <sub>4</sub> CHAIN			1444		
7		SBE37	7	1901	1444		
8	1.95	<sup>3</sup> / <sub>4</sub> CHAIN					
9		NORTEK ADCP	10	1666	1442		1MHZ PROFILER
10	1.12	<del>AAADCP</del> CHAIN ADCP	( <sup>3</sup> / <sub>4</sub> CHAIN)				
11		AAADCP ADCP	13	235	1440		SEAGUARD
12	.6	<sup>3</sup> / <sub>4</sub> CHAIN					
13		NORTEK ADCP	15	2064	1438		2MHZ CM
14	1	SBE37P	16.4	7836	1438		
15	2.4	<sup>3</sup> / <sub>4</sub> CHAIN					
16		NORTEK ADCP	20	402	1428		2MHZ CM
17	3.23	<sup>3</sup> / <sub>4</sub> CHAIN					
18		SBE39	25	1502	1426		
19	3.66	<sup>3</sup> / <sub>4</sub> CHAIN					
20		SBE37	30	1902	1424		
21	1.35	<sup>3</sup> / <sub>4</sub> CHAIN					
22		NORTEK ADCP	32.5	333	1422		2MHZ PROFILER
23	.75	<sup>3</sup> / <sub>4</sub> CHAIN					
24		SBE39	35	1509	1420		SEAGUARD
25	3.66	<sup>3</sup> / <sub>4</sub> CHAIN					

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26		SBE37	40	3821	1417		
27	3.66	$\frac{3}{4}$ CHAIN					
28		NORTEK ADCM	45	1688	1414		2mHz CM
29	8.5	$\frac{7}{16}$ WIRE		10242-28A			10 242 28 A 1412 -
30		NORTEK ADCM	55	9883	1520		2mHz CM
31	6.1	$\frac{7}{16}$ WIRE		1123714			
32		SBE 37	62.5	3824	1527		
33	21.1	$\frac{7}{16}$ WIRE		11237-18			
34		SBE 39	70	1511	1531		
35		SBE 39	77.5	3423	1533		
36		SBE 37	85	10	1538		
37	13.3	$\frac{7}{16}$ WIRE					
38		SBE 39	92.5	3434	1540		
39		VMCM	100	9	1559		1540 BANDS OFF
40	27.8	$\frac{7}{16}$ WIRE					
41		SBE 39	115	3435	1601		
42		SBE 3TP	130	8004	1603		
43	3.66	$\frac{3}{4}$ CHAIN					
44		RDI ADCP	135	12254	1605		WORKHORSE 300kHz
45	8.5	$\frac{7}{16}$ WIRE					
46		ANDERAA ADCM	145	238	<sup>1610</sup> 1609		SEAGUARD
47	13.5	RBR OXY WIRE					
48		RBR OXY	147	50026	<sup>1610</sup> 1609		
49		SBE 37	160	1900	1614		
50	21.3	$\frac{7}{16}$ WIRE					11237-16

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51		SBE 39	175	3437	1616		
52		VMCM	183	10	1619		BANDS OFF, SPIN 1617
53	4.8	7/16 WIRE					11237-15
54		SBE 37	190	1903	1623		
55	28.5	7/16 WIRE					11237-17
56		SBE 37	220	1905	1628		
57	13	7/16 WIRE					11237-18
58		VMCM	235	30	1635		1627 BANDS OFF/SPIN
59	53	3/8 WIRE		11237-7			
60		SBE 37	250	1907	1636		
61		VMCM	290	35	1640		1635 BANDS OFF/SPIN
62	57	3/8 WIRE		11237-8			
63		SBE 37	310	2011	1642		
64		VMCM	350	38	1647		1641 BANDS OFF/SPIN
65	500	3/8 WIRE		11237-1			11237-1
66		SBE 39	400	3438	1649		
67		SBE 39	450	3439	1654		
68		VMCM	852	58	1707		1704 BANDS OFF/SPIN
69	500	3/8 WIRE		11237-2			
70	200	3/8 WIRE		102422.4			
71		VMCM	1553	68	1728		1720 BANDS OFF/SPIN
72	450	3/8 WIRE		11237-4			
73		VMCM	2008	73	1756	17	1733 BANDS OFF, SPIN 11237-6 IS THE ADDED 53M SHD
74	53 100	3/8 WIRE	ONE PIECE,	10242-6A	1801		53M WIRE ADDED BASED ON SITE DEPTH
75	200	7/8 NYLON			1805-1811		

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	1650	7 NYLON			1812-1914		RAT NEST IN LINE BOX, SOME
77	1500	1 Col Mega			2004 19.14-		CHEWING APPARANT
78		88 GLASS BALLS			2012 - 2047		
79		SBE 16		1876	2052		
80		SBE 16		1889	2052		
81							
82	5	TRAWLER CHAIN					
83		RELEASES		35316 + 31335	2105		
84	5	TRAWLER CHAIN					
85	20	1 SAMSON					
86	5	TRAWLER CHAIN					
87		ANCHOR					
88							
89							
90							
91							
92							
93							HIT HIT HIT HIT HIT II NEED 22 STRUCKS
94							
95							
96							
97							
98							
99							
100							