

# 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 UTC

Deployed by JLORD Recorder/Observer U GALBRAITH

Ship and Cruise No. MELVILLE MV1207 Intended Duration 1 year

Depth Recorder Reading 12kHz 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) 16.5

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° 09.517~~ 85° 17.5598

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

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

Release No. 1 (sn) 35316 Release No. 2 (sn) 31935

Interrogate Freq. 11 Interrogate Freq. 11

Reply Freq. 12 Reply Freq. 12

Enable 111 273 Enable 471 427

Disable 111 303 Disable 471 442

Release 127 413 Release 447 756

## 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 ~ 65 cm







ARRAY NAME AND NO. STRATOS XLLMOORED STATION NO. 1247

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	AANDERSTA CHAIN ADCM ( <sup>3</sup> / <sub>4</sub> CHAIN)					
11		AANDERSTA ADCM	13	235	1440		SEAGUARD
12	.6	<sup>3</sup> / <sub>4</sub> CHAIN					
13		NORTEK ADCM	15	2064	1438		2MHZ CM
14	<sup>1</sup> / <sub>2</sub>	SBE37P	16.4	7836	1438		
15	2.4	<sup>3</sup> / <sub>4</sub> CHAIN					
16		NORTEK ADCM	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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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		SBE37	40	3821	1417		
27	3.66	<sup>3</sup> / <sub>4</sub> CHAIN					
28		NORTEK ADCM	45	1688	1414		2mHz CM
29	8.5	<sup>7</sup> / <sub>16</sub> WIRE		10242-28A			10 242 28 t 1412 -
30		NORTEK ADCM	55	9883	1520		2mHz CM
31	6.1	<sup>7</sup> / <sub>16</sub> WIRE		1123714			
32		SBE37	62.5	3824	1527		
33	21.1	<sup>7</sup> / <sub>16</sub> WIRE		11237-18			
34		SBE39	70	1511	1531		
35		SBE39	77.5	3423	1533		
36		SBE37	85	10	1538		
37	13.3	<sup>7</sup> / <sub>16</sub> WIRE					
38		SBE39	92.5	3434	1540		
39		VMCM	100	9	1559		1540 HANDS OFF
40	27.8	<sup>7</sup> / <sub>16</sub> WIRE					
41		SBE39	115	3435	1601		
42		SBE37P	130	8004	1603		
43	3.66	<sup>3</sup> / <sub>4</sub> CHAIN					
44		RDI ADCP	135	12254	1605		WORKHORSE 300kHz
45	8.5	<sup>7</sup> / <sub>16</sub> 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		SBE37	160	1900	1614		
50	21.3	<sup>7</sup> / <sub>16</sub> 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/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/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/SPIN
69	500	3/8 WIRE		11237-2			
70	200	3/8 WIRE		102422A			
71		VMCM	1555	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 59M SIDE
74	53 100	3/8 WIRE	ONE PIECE	10242-6A	1801		59M WIRE ADDED BASED ON SITE DEPTH
75	200	7/8 NYLON			1805-1811		



ARRAY NAME AND NO. STRATOS X11 MOORED STATION NO. 1247

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	1650	7 8 NYLON			1812-1914		RAT NEST IN LINE BOX, SOME
77	1500	1 col mega			2004 19:14-		CHEWING APPARATUS
78		88 GLASS BALLS			2012 - 2017		
79		SBE 16		1876	2052		
80		SBE 16		1889	2052		
81							
82	5	TRAWLER CHAIN					
83		RELEASES		35316 + 31335	2105		
84	5	1/2 TRAWLER CHAIN					
85	20	1" SAMSON					
86	5	1/2 TRAWL CHAIN					
87		ANCHOR					
88							
89							
90							
91							
92							
93							NEED 22 STRUCKS HIT HIT HIT HIT II
94							
95							
96							
97							
98							
99							
100							