

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 24HZ 4562.2 m MULTIBEAM DEPTH Correction Source CTD
Depth Correction CTD fed to Seabed 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) 31335
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) 08-MAR-2014 Time 10:55:55 UTC
Latitude (N/S) 19 56.023 S Longitude (E/W) 85 17.956 W
Recovered by LORD Recorder/Observer GALBRAITH
on station 607 days
Ship and Cruise No. RB-14-01 Actual duration _____ days
Distance from waterline to buoy deck ~ 65 cm
BUOY ADRIFT 25-01-2014 > 14:00 UTC BUOY ON DECK 2014-03-03 12:56 UTC

ARRAY NAME AND NO. STRATOS XLL

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BODY			1507	2014/3/3 12:56	BACK 2014/03/03 LOI SPT, LOZ PORT
2	.22	³ / ₄ CHAIN					
3		SBE 37	2	1304		² / ₃ 1256	
4	.37	³ / ₄ CHAIN					
5		SBE 37	3.7	1899		³ / ₃ 1256	MOORING BELOW THIS 2014 03/08
6	1.95	³ / ₄ CHAIN			1444		
7		SBE 37	7	1901	1444		
8	1.95	³ / ₄ CHAIN					
9		NORTEK ADCP	10	1666	1442		1MHZ PROFILER
10	1.12	AAU DELTA CHAIN ADCM (³ / ₄ CHAIN)					
11		AAU DELTA ADCM	13	235	1440		SEAGUARD
12	.6	³ / ₄ CHAIN					
13		NORTEK ADCM	15	2064	1438		2MHZ CM
14	¹ / ₈	SBE 37P	16.4	7836	1438		
15	2.4	³ / ₄ CHAIN					
16		NORTEK ADCM	20	402	1428		2MHZ CM
17	3.23	³ / ₄ CHAIN					
18		SBE 39	25	1502	1426		
19	3.66	³ / ₄ CHAIN					
20		SBE 37	30	1902	1424		
21	1.35	³ / ₄ CHAIN					
22		NORTEK ADCP	32.5	333	1422		2MHZ PROFILER
23	.75	³ / ₄ CHAIN					
24		SBE 39	35	1509	1420		SEAGUARD
25	3.66	³ / ₄ 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	3/4 CHAIN					
28		NORTEK ADCM	45	1688	1414		2mHz CM
29	8.5	7/16 WIRE		10242-28A			10242-28A 1412-
30		NORTEK ADCM	55	9883	1520		2mHz CM
31	6.1	7/16 WIRE		1123714			
32		SBE37	62.5	3824	1527		
33	21.1	7/16 WIRE		11237-18			
34		SBE39	70	1511	1531		
35		SBE39	77.5	3423	1533		
36		SBE37	85	10	1538		
37	13.3	7/16 WIRE					
38		SBE39	92.5	3434	1540		
39		VMCM	100	9	1559		1540 HANDS OFF
40	27.8	7/16 WIRE					
41		SBE39	115	3435	1601		
42		SBE37P	130	8004	1603		
43	3.66	3/4 CHAIN					
44		RDI ADCP	135	12254	1605	2323 2142	WORKHORSE 300kHz
45	8.5	7/16 WIRE					
46		AANDERAA ADCM	145	238	1610 1609		SEAGUARD
47	13.5	RBR OXY WIRE					
48		RBR OXY	147	50026	1610 1609		
49		SBE37	160	1900	1614		
50	21.3	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	2225	IN WUZLE
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 BAND/SPIN
59	53	3/8 WIRE		11237-7			
60		SBE 37	250	1907	1636	2225	IN WUZLE
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	2216	^{BOTH} FISHING LINE ON LOWER PROBT CASE 1641 BANDS / SPIN BANDS 2223
65	500	3/8 WIRE		11237-1			11237-1
66		SBE 39	400	3438	1649	2211	loose end cap fishing gear, bracket broken
67		SBE 39	450	3439	1654	2149	
68		VMCM	852	58	1707	2126	PROPS SPINNING BANDS 2132 1704 BANDS/SPIN
69	500	3/8 WIRE		11237-2			
70	200	3/8 WIRE		102422A			
71		VMCM	1555	68	1728	1959	1914 OUT OF WATER, PROPS SPINNING FREELY 1720 BANDS OFF/SPIN
72	450	3/8 WIRE		11237-4			
73		VMCM	2008	73	1756	2142	1733 BANDS OFF, SPIN BANDS ON 2148 11237-6 IS THE ADDED 53M SIDE
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	1734-1841	ON WINDH STOPPING AT 1825

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

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	1650	7 NYLON			1812-1914	1617-8	REMARKS SPICE 1707 SPICE @ 1648 MODERN LINE: 1650 RAT NEST IN LINE BOX, SOME
77	1500	POWY 1 COLMEGA			2004 19:14-	1350-	SPICE 1545 CHEWING APPARATUS
78		88 GLASS BALLS			2012-		BALLS ON WINCH 1247 FIRST PAULSON DOCK 1250
79		SBE 16		1876	2052	1311	
80		SBE 16		1879 1889	2052		1879 WAS originally recorded as 1889
81							
82	5	TRAWLER CHAIN					
83		RELEASES		35316+ 31335	2105	1314	
84	5	TRAWLER CHAIN					
85	20	1" SAMSON					
86	5	TRAWLER CHAIN					
87		ANCHOR					
88							
89							
90							
91							
92							
93							NEED 22 STRINGS HIT HIT HIT HIT II
94							
95							
96							
97							
98							
99							
100							