

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. STRATUS II MOORED STATION NO. 1226

Launch (anchor over)

Date (day-mon-yr) 6 APR 2011 Time 1928 UTC
Deployed by LORD Recorder/Observer GALBRAITH
Ship and Cruise No. MOANA WAVE Intended Duration 12 MONTHS
Depth Recorder Reading _____ m DEPTH
Correction Source SEABEAM MAP SOURCE
Depth Correction 10 m (+5m MATHEW STABLE + 5m DUCER DEPTH)
Corrected Water Depth 4440 m Magnetic Variation (E/W) _____
Anchor Drop Lat. (N/S) 19° 41.675 Lon. (E/W) 85° 33.826
Surveyed Pos. Lat. (N/S) 19° 41.4783 Lon. (E/W) 85° 34.0093
WATCH CIRCLE NM 3.7
Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Acoustic Release Model EDGE TECH ORE 842 8242 XS Tested to _____ m

Release No. 1 (sn) 30843 Release No. 2 (sn) 35118
Interrogate Freq. 11 Interrogate Freq. 11
Reply Freq. 12 Reply Freq. 12
Enable 166433 Enable 202705
Disable 166456 Disable 202726
Release 151313 Release 224233

Recovery (release fired)

Date (day-mon-yr) 29/05/2012 Time 12:30:00 UTC
Latitude (N/S) 19 41.136 Longitude (E/W) 085 34.606
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. Melville 1207 Actual duration _____ days
Distance from waterline to buoy deck ~65 cm

41561 slant range 1

ARRAY NAME AND NO. STRATUS XI MOORED STATION NO. 1226

Surface Components

Buoy Type FOAM Color(s) Hull Tower YELLOW, BLUE BELOW WHITE-TOWER

Buoy Markings VANE: WHITE USA 50P 598 1401. SAME ON HULL, + "IF FOUND CONTACT..."

Surface Instrumentation

Item	ID #	Height*	Comments
HRH	247	226.5	ON LOGGER SN 4
BPR	503	236	
SWND	219	267.5	
PRC	207	250	
LWR	503	279.5	CLEANED 1142 APR 6'11
SWR	502	279.5	
SST-SBE37	2053		
HRH	250	226.5	ON LOGGER SN 14
BPL	212	236.5	
WND	238	267	
PRC	206	249	
LWR	224	279.5	
SWR	208	279.5	
SST-SBE37	1838		
HRH	248	224.5	
WND	239	266	
LASCAR HRH	1	232	
LASCAR HRH	2	201	
SBE 39	1447	232	
PCO2			
WAM DAS	4002	MODEM 24297	IMEI 300124000010620
ARGOS MET PTT	12789	LGR 4	IDS 27916 27917 27918
ARGOS MET PTT	18171	LGR 14	IDS 27919 27920 27921

*Height above buoy deck in centimeters

ARRAY NAME AND NO. Spratus X1MOORED STATION NO. 1226

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BUOY				2107	STOOD AWAY HIT SIDE OF SHIP SOT SHIELDS BENT
2	.22	3/4" CHAIN					
3		SBE 37	2	1325	1226	2126	
4	.37	3/4" CHAIN					
5		SBE 37	3.7	1326	1226		
6		SBE 39	4.9	35	1226	2137	DOWN
7	1.3	3/4" CHAIN					
8		SBE 37	7	1328	1214		
9	1.73	3/4" CHAIN					SWIVEL
10		ADCP MORSE	10	357	1212		TOTALY COVERED W/ WATER ALLEY
11		SBE 39	11.25	38	1212		
12	.68	3/4" CHAIN					
13		ADCP MORSE	13	13	1211		HEADS UP
14	1.5	3/4" CHAIN					
15		SBE 37	16	1329	1211	2202	
16	2.7	3/4" CHAIN					
17		ADCP MORSE	20	78	1209		
18	3.66	3/4" CHAIN					
19		SBE 39	25	44	1207	2208	UP
20	3.9	3/4" CHAIN					
21		SBE 37	30	1330	1203		CLEAN SENSORS!
22	1.12	ADCP MORSE	34" CHAIN				
23		ADCP MORSE	32.5	79	1202	2211	
24	1.2	3/4" CHAIN					
25		SBE 39	35	48	1202		

ARRAY NAME AND NO. STRATUS XI MOORED STATION NO. 1226

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	3.9	3/4" CHAIN					
27		SBE 37	40	8211	1200	2218	
28	3.66	3/4" CHAIN					
29		AANDORA ADCM	45	130	1240	2008	SEAGUARD W OPTODE
30	110	7/16 WIRE					# 10242 24B
31		SBE 39	46.5	49	1247	2006	
32		SBE 39	51	102	1248	2005	
33		SBE 39	56.5	103	1249	2003	
34		SBE 37	62.5	8212	1255	2000	
35	23.5	7/16 WIRE SBE 39	70	203	1300 1255	1959	# 102 42 23A
36		SBE 39	77.5	276	1301	1957	
37		SBE 37	85	1909	1303	1956	WITH P
38		ADCM	87.3	1410	1312 1307	1954	AANDORA SEAGUARD W/OPTODE
39	41.25	7/16 WIRE					# 10242 -19
40		SBE 39	92.5	284	1315	1953	
41		SBE 39	100	719	1315	1952	
42		SBE 39	115	720	1316	1951	
43		SBE 37	130	8213	1319	1947	
44	4.5	7/16 WIRE					# 10242 32A
45		ADCP	135	1218	1325	1943	RDI WORKHORSE
46	.38	3/4" CHAIN					
47	8	7/16 WIRE					# 10242 30B
48		ADCM	145	141	1329	1939	AANDORA SEAGUARD, OPTODE VERY M WOP SOME GROUNDWATER
49	13.5	7/16 WIRE					# 102 42 25
50		SBE 37	160	8214	1333	1936	

ARRAY NAME AND NO. STRATUS XI MOORED STATION NO. 1226

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	29	7/16 WIRE					#10142 21 LOTS OF FISHING LINE
52		SBE 39	175	721	1334	1934	
53		SBE 39	183	1498	1336	1932	FISH HOOK WITH FOULING IN JEWELRY BOARD
54		SBE 37	190	8215	1340	1929	
55	29	7/16 WIRE					#10242 22
56		SBE 37	220	8216	1342	1925	
57	13.5	7/16 WIRE					#10242 26
58		ADCM	235	142	1347	1921	FISHING GEAR AANDERAA SEAGUARD, OPTODE
59	13.5	7/16 WIRE					#10242 27
60		SBE 39	236.5	1499	1347	1921	AT TERMINATION
61		SBE 37	250	8217	1356	1819	
62	38.5	3/8 WIRE					#10242 15
63		SBE 39	280	1500	1359	1917	
64		ADCM-0	290	143	1405	1914	AANDERAA SEAGUARD W OPTODE
65	28	3/8 WIRE					#10242 17
66		SBE 37	295	1906	1408	1913	SPIN BAND L 2037
67		VMCM	320	4	1420	1907	BANDS OFF 1414 SPIN LINE IN PROPS in water 1420 PROPS: STOPPED FISHING
68	26.5	3/8 WIRE					#10242 18 NEXT GEAR
69		OPTODE	322	691	1420	1907	in water 14:20 SPIN BAND 2035
70		VMCM	349	31	1425	1902	bands off, spun 14:22 LINE IN PROPS ON RECOVERY
71	48.5	3/8 WIRE					10242-11 LOTS OF FISHING LINE
72		SBE 37	352	1908	1426	1900	
73		OPTODE	353	943	1429	1900	
74		SBE 37	361	2012	1430	1900	
75		ADCM-0	400	144	1430	1855	

ARRAY NAME AND NO. STRATUS XI MOORED STATION NO. 1226

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	48.5	3 8 WIRE					LOTS OF FISHING LINE ON #1024214 THIS STATION
77		SBE 37 ADCM-0	401	2015	1435	1854	
78		ADCM-0	450	181	1439	1849	
79	48.5	3 8 WIRE					# 10242 12
80		SBE 37	451	8218	1439	1848	FISHING LINE IN + AROUND SENSORS
81		SBE 37P	500	3733	1443	1844	WITH PRESS
82	100	3 8 WIRE					#10242-9
83		ADCM-0	601	182	1449	1840	
84	200 200	3 WIRE SBE 37	602				# 10242 5
85		SBE 37	602	8219	1449	1837	
86		SBE 37	700	8220	1452	1835	
87		VMCM	803	32	1456	1831	2034 SPIN + BAND BANDS OFF SPIN 1452
88	48.5	3 8 WIRE					#10242-10
89		VMCM	855	42	1501	1827	SPIN + BAND 2032 BANDS OFF SPIN 1458
90		SBE 37	857	8221	1501	1824	ON 10242-4
91	325	3 8 WIRE				1814 -	#10242-4
92		SBE 37	1000	8222 8222	1509	1819	CLAMPS HAD TO BE REDRILLED FOR 3/8 WIRE
93	325	3 8 WIRE					#10242-3
94		SBE 37	1355	8223	1518	1807	
95		VMCM	1507	62	1524	1758	BAND OFF SPIN 1519 2030 SPIN + BAND
96	500	3 8 WIRE					#10242-1
97		SBE 37	1557	8224	1526	1755	
98		SBE 37	2000	8225	1539	1741	CLEAN
99		VMCM	2010	83	1540	17:39	ONE PROPELLER IS NOT SPINNING (LOW CA) BANDS OFF SPIN 1527 2028 SPIN + BAND
100	100	3 8 WIRE			1540 -	17:36	9074 - 6 WRAPPED TERMINATION

