

# 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 Correction Source SEABEAM MAP SOURCE

Depth Correction 10 m (+5m MATHEW STABLE + 5m DOZER 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) \_\_\_\_\_ 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 XI MOORED STATION NO. 1226

**Surface Components**

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

Buoy Markings VANE: WHITE USA 50P 54# 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 4
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
ARGDS MET PTT	12789	LGR 4	IDS 27916 27917 27918
ARGDS MET PTT	18171	LGR 14	IDS 27919 27920 27921

\* Height above buoy deck in centimeters



ARRAY NAME AND NO. Stratus X1

MOORED STATION NO. 1226

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BUOY					
2	.22	3/4" CHAIN					
3		SBE 37	2	1325	1226		
4	.37	3/4" CHAIN					
5		SBE 37	3.7	1326	1226		
6		SBE 39	4.9	35	1226		DOWN
7	1.3	3/4" CHAIN					
8		SBE 37	7	1328	1214		
9	1.73	3/4" CHAIN					SWIVEL
10		AACP NORX	10	357	1212		
11		SBE 39	11.25	38	1212		
12	.68	3/4" CHAIN					
13		AADORA ADCM	13	13	1211		HEADS UP
14	1.5	3/4" CHAIN					
15		SBE 37	16	1329	1211		
16	2.7	3/4" CHAIN					
17		AADORA ADCM	20	78	1209		
18	3.66	3/4" CHAIN					
19		SBE 39	25	44	1207		UP
20	3.9	3/4" CHAIN					
21		SBE 37	30	1330	1203		
22	1.12	AADORA ADCM	34" CHAIN				
23		AADORA ADCM	32.5	79	1202		
24	1.2	3/4" CHAIN					
25		SBE 39	35	48	1202		

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		
28	3.66	3/4" CHAIN					
29		AANDORA ADCM	45	138	1240		SEAGUARD W OPTODE
30	16	7/16 WIRE					# 10242 24A
31		SBE 39	46.5	49	1247		
32		SBE 39	51	102	1248		
33		SBE 39	56.5	103	1249		
34		SBE 37	62.5	8212	1255		
35	23.5	7/16 WIRE SBE 39	70	203	1300 <del>1255</del>		# 102 42 23A
36		SBE 39	77.5	276	1301		
37		SBE 37	85	1909	1303		WITH P
38		ADCM	87.3	140	1312 <del>1307</del>		AANDORA SEAGUARD W/OPTODE
39	41.25	7/16 WIRE					# 10242 -19
40		SBE 39	92.5	284	1315		
41		SBE 39	100	719	1315		
42		SBE 39	115	720	1316		
43		SBE 37	130	8213	1319		
44	4.5	7/16 WIRE					# 10242 32A
45		ADCP	135	1218	1325		RDI WORKHORSE
46	.38	3/4" CHAIN					
47	8	7/16 WIRE					# 10242 30B
48		ADCM	145	141	1329		AANDORA SEAGUARD, OPTODE
49	13.5	7/16 WIRE					# 102 42 25
50		SBE 37	160	8214	1333		

ARRAY NAME AND NO. STRATOS 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
52		SBE 39	175	721	1334		
53		SBE 39	183	1498	1336		
54		SBE 37	190	8215	1340		
55	29	7/16 WIRE					# 10242 22
56		SBE 37	220	8216	1342		
57	13.5	7/16 WIRE					# 10242 26
58		ADCM	235	142	1347		AANDERAA SEAGUARD, OPTODE
59	13.5	7/16 WIRE					# 10242 27
60		SBE 39	236.5	1499	1347		AT TERMINATION
61		SBE 37	250	8217	1356		
62	38.5	3/8 WIRE					# 10242 15
63		SBE 39	280	1500	1359		
64		ADCM-0	290	143	1405		AANDERAA SEAGUARD w OPTODE
65	28	3/8 WIRE					# 10242 17
66		SBE 37	295	1906	1408		
67		VMCM	320	4	1420		bands off 1414 spin in water 1420
68	26.5	3/8 WIRE					# 10242 18
69		OPTODE	322	691	1420		in water 14:20
70		VMCM	349	31	1425		bands off, spun 14:22
71	48.5	3/8 WIRE					10242-11
72		SBE 37	352	1908	1426		
73		OPTODE	353	943	1429		
74		SBE 37	361	2012	1430		
75		ADCM-0	400	144	1431		

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	48.5	3 8 WIRE					#1024214
77		SBE 37 ADCM-0	401	2015	1435		
78		ADCM-0	450	181	1439		
79	48.5	3 8 WIRE					#1024212
80		SBE 37	451	8218	1439		
81		SBE 37	500	3733	1443		WITH PRESS
82	100	3 8 WIRE					#10242-9
83		ADCM-0	601	182	1449		
84	200 200	3 WIRE SBE 37	603				#102425
85		SBE 37	602	8219	1449		
86		SBE 37	700	8220	1452		
87		VMCM	803	32	1456		BANDSOFF SPIN 1452
88	48.5	3 8 WIRE					#10242-10
89		VMCM	855	42	1501		BANDSOFF SPIN 1458
90		SBE 37	857	8221	1501		ON 10242-4
91	325	3 8 WIRE					#10242-4
92		SBE 37	1000	<del>8222</del> 8222	1509		CLAMP HAD TO BE REDRILLED FOR 3/8 WIRE
93	325	3 8 WIRE					#10242-3
94		SBE 37	1355	8223	1518		
95		VMCM	1507	62	1524		BAND OFF SPIN 1519
96	500	3 8 WIRE					#10242-1
97		SBE 37	1557	8224	1526		
98		SBE 37	2000	8225	1539		
99		VMCM	2010	83	1540		BANDSOFF SPIN 1527
100	100	3 8 WIRE			1540-		9074-6 WRAPPED TERMINATION

