

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus 14 MOORED STATION NO. 1277

Launch (anchor over)

Date (day-mon-yr) 21 - 04 - 2015 Time 16 58 UTC

Deployed by LORD Recorder/Observer GAUDRAITH

Ship and Cruise No. AGS61 Cabo de Hornos Intended Duration 1 year

Depth Recorder Reading ~~4488~~ 4510 m Correction Source Sound vel profile

Depth Correction depth from multibeam m 1500m SVP profile taken

Corrected Water Depth ~~4488~~ 4510 m Magnetic Variation (E/W) 6.75°

Anchor Drop Lat. (N/S) 19° 49.114 Lon. (E/W) 84° 44.2361

Surveyed Pos. Lat. (N/S) 19° 49.1215 Lon. (E/W) 84° 44.224 ← ship's log

Argos Platform ID No. P2,3, WATCH CIRC 3.7 Additional Argos Info on pages 2 and 3
AM

Acoustic Release Model _____ Tested to 1500 m

Release No. 1 (sn) 33042 Release No. 2 (sn) 33039

Interrogate Freq. 11 Interrogate Freq. 11

Reply Freq. 12 Reply Freq. 12

Enable 314325 Enable 314170

Disable 314340 Disable 314212

Release 332250 Release 332174

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 55 to 60 cm

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Surface Components	
Buoy Type <u>MOOS</u> Color(s) Hull Tower _____	
Buoy Markings _____	

Surface Instrumentation			
Item	ID #	Height*	Comments
ASIMET	1		
HRH	503	235	
BPR	234	238	
WIND	344	269	
PRC	504	247	
LWR	219	284	
SWR	216	284	
SST	1839		
PTT	99538		IDS 14644 14652 14653
ASIMET	2		
HRH	250	235	
BPR	213	238	
WIND	205	269	
PRC	219	247	
LWR	503	284	
SWR	215	284	
SST	1725		
PTT	14709		IDS 9805 9807 9811
HRH-SENS	233	243	SENSIRION SENSOR
WXT520	8	252	
LASCAR	10023643	224	
SBE39	5275	228	
SWR-KZ	801		1
XEOSROVER			3004 3406 0447 400

WATCH CIRCLE 3.7nm *Height above buoy deck in centimeters

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BOOY			1218		
2	.22	³ / ₄ CHAIN					
3		SBE 37	2	1304	1218		
4	.37	³ / ₄ CHAIN					
5		SBE 37	3.7	3821	1219		PRE-ATTACHED TO BRIDLE
6	.525	CHAIN					
7		SBE 39	5	39	1157		
8	.9	³ / ₄ CHAIN					
9		SBE 37	7	3824	1157		
10	4	³ / ₄ CHAIN					
11		SBE 39	12.2	41	1154		
12		AA ADCM	13	235	1154		
13	1.95	³ / ₄ CHAIN					
14		SBE 37	16.4	1899	1150		
15		AA DCP	18.5	1500	1150		HEADS DOWN
16	.675	³ / ₄ CHAIN					
17		SBE 39	20	53	1150		
18	4.05	³ / ₄ CHAIN					
19		SBE 39	25	101	1148		
20	3.97	³ / ₄ CHAIN					
21		SBE 37	30	1900	1144		
22	1.125	³ / ₄ CHAIN					
23		AA ADCM	32.5	238	1140		HEADS UP
24	1.125	³ / ₄ CHAIN					
25		SBE 39	35	721	1140		

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	3.97	³ / ₄ CHAIN					
27		SBE 37	40	1901	1131		WADARR
28	3.23	³ / ₄ CHAIN					
29		VMCM	45	35	1135		#1 1133 BANDS OFF
30	15.3	⁷ / ₁₆ WIRE					
31		SBE 39	52	1502	1244		
32		SBE 37	62.5	1902	1253		
33	21.2	⁷ / ₁₆ WIRE					
34		SBE 39	70	1509	1256		CLAMPED
35		SBE 39	77.5	1511	1258		"
36		SBE 37	85	8004	1303		
37	1.2	³ / ₄ CHAIN					
38		VMCM	88	2058	1309		BANDS OFF 1304
39	9.5	⁷ / ₁₆ WIRE					
40		SBE 39	92.5	3423	1311		
41		VMCM	100	2068	1318		BANDS OFF 1310
42	28	⁷ / ₁₆ WIRE					Scraper attached
43		SBE 39	115	3434	1322		
44		SBE 37	130	1903	1327		1320
45	3.3	³ / ₄ CHAIN					
46		RD ADCP	135	12254	1336		
47	23.5	⁷ / ₁₆ WIRE					
48		SBE 39	145	3435	1341		
49		SBE 37	160	1905	1349		
50	21.3	⁷ / ₁₆ WIRE					

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51		SBE 39	175	3437	1351		
52		VMCM	183	2059	1357		50.1350 PROBS SPUN
53	4.8	7 16 WIRE					
54		SBE 37	190	1907	1403		
55	28.5	7 16 WIRE					
56		SBE 37	220	2011	~ 1407		
57	13	7 16 WIRE					
58		VMCM	235	61	1417		SHUT OFF 1408
59	53	3 8 WIRE					
60		SBE 37	250	10	1422		CLAMPED
61		VMCM	290	2010	1428		BLINDS OFF 1414
62	500	3 8 WIRE					
63		SBE 37	310	7836	1438		CLAMPED
64		SBE 39	400	3438	1441		
65		SBE 39	450	3439	1444		
66	500	3 8 WIRE			1554-		START TIME FOR THIS SHOT
67	500	3 8 WIRE		11237-3	1508-		11237-3
68	100	3 8 WIRE		12200- 3-A	1527		12200-3-A ^{f. made over}
69	100	3 8 WIRE			1528-		WRAPPED TERMINATION
70	200	7 8 NYLON			1535-		OVER @ 1543
71	1850	7 8 NYLON			1600-		SPLICED
72	1500	1 COLMEGA			1629-		
73		84 GLASS BAUS			1740- 1841		
74		SBE 37	4496	10600	1854		37M FROM BOTTOM
75		SBE 37	4496	10601	1854		

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	5	1 2 CHAIN					
77		RELEASES			1904		
78	5	1 2 CHAIN					
79	20	SAMSON					
80	5	1 2 CHAIN					
81		AUCHAR			19:58		
82							
83							
84							
85							
86							
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100							