

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus 13 MOORED STATION NO. 1265

Launch (anchor over)

Date (day-mon-yr) 07-MARCH-2014 Time 180101 UTC

Deployed by LORD Recorder/Observer GALBRAITH

Ship and Cruise No. ROO BROWN RB14-01 Intended Duration 12 MONTHS

Depth Recorder Reading ~~5441~~ 4541 m Correction Source CTD data base

Depth Correction _____ m

Corrected Water Depth 4541 ^{RHB multibeam} m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 19° 37.9561'S Lon. (E/W) 84° 57.0134'W

Surveyed Pos. Lat. (N/S) 19° 37.4714'S Lon. (E/W) 84° 57.1394'W

Argos Platform ID No. WATCHCIRCLE 3.7nm Additional Argos Info on pages 2 and 3

Acoustic Release Model ORE Tested to 1,500 m

Release No. 1 (sn) 31336 Release No. 2 (sn) 30844

Interrogate Freq. 11K Interrogate Freq. "11"

Reply Freq. 12K Reply Freq. 12

Enable 471461 Enable 16647

Disable 471516 Disable 166504

Release 44775 Release 151330

Recovery (release fired)

Date (day-mon-yr) 24-04-15 Time 11:34 UTC

Latitude (N/S) _____ Longitude (E/W) _____

Recovered by LORD Recorder/Observer GALBRAITH

Ship and Cruise No. CABO DE HORNOS AG361 Actual duration _____ days

Distance from waterline to buoy deck 60

ARRAY NAME AND NO. ^{STATUS 13} 1265

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Surface Components

Buoy Type MOBS Color(s) Hull / Tower BLUE BELOW YELLOW DECK / WHITE

Buoy Markings IF FOUND ADRIAT CONTACT WOODS HOLE OCEANOGRAPHIC WOODS HOLE NA 02543 USA 508 457 1401 50, 60, 70, 80

Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET	4		LOGR 531411CF
HRH	249	232	
BPR	502	237	
SWND	216	271	
PRC	502	250	
LWR	205	279	
SWR	504	279	
SST	1838		
PIT-ARGOS	12789		WINDCAT, 27916, 27917, 27918
LOGGER	14		
HRH	247	237 230	
BPR	210	267 237	
WIND	239	258 267	
PRC	207	250	
LWR	221	279	
SWR	226	279	
SST			
PIT-ARGOS	18171		27919, 27920, 27921 - WINDCAT
WIND	221	267	
HRH-SENS	214	226	
WXT	1	253	
SASCAR	243	233	
SBE39	1447	234	
XEOS ROVER			300434060 815.350

*Height above buoy deck in centimeters

ARRAY NAME AND NO. STRADUS 13 MOORED STATION NO. 1265

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BUOY		1148		1913	VADEF DECK 1147
2	.22	³ / ₄ " CHAIN					
3		SBE 37	2	1325		1913	
4	.37	³ / ₄ " CHAIN					1133:2M INST attached to 3.2-45m
5		SBE 37	3.7	1326	1127	1931	
6		SBE 39	4.9	35	1127	1931	DRAIN
7	1.3	³ / ₄ CHAIN					
8		SBE 37	7	1328	1125	~1933	
9	1.73	³ / ₄ CHAIN					
10		NORTEK P	10	357	1123	~1933	HEAD UP
11	1.35	³ / ₄ CHAIN					
12		RCM 11	13	78	1121	~1935	
13	1.5	³ / ₄ CHAIN					
14		SBE 37	16	1329	1121	~1935	
15	2.7	³ / ₄ CHAIN					
16		RCM 11	20	79	1119	1945	
17	3.66	³ / ₄ CHAIN SBE 39	20				
18		SBE 39	25	38	1117	~1949	UP
19	3.9	³ / ₄ CHAIN					
20		SBE 37	30	1330	1115	~1950	
21	1.12	³ / ₄ CHAIN					
22		RCM 11	32.5	13	1113	1956	
23	1.2	³ / ₄ CHAIN					
24		SBE 39	35	44	1113	1956	
25	3.9	³ / ₄ CHAIN					

ARRAY NAME AND NO. STARS 13 MOORED STATION NO. 1265

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		SBE37	40	8211	1110	1959	
27	3.66	³ / ₄ CHAIN					
28		SEAGUARD ADCM	45	138	1108	2002	OPTODE 188
29	16	⁷ / ₁₆ WIRE					1220012 letting up of line
30		SBE39	50	48	1203	2004 1815	
31		SBE39	55	949	1205	1814	
32		SBE37	62.5	8212	1214	1812	
33	23.5	⁷ / ₁₆ WIRE					122007
34		SBE39	70	102	1217	1812	FISHING GEAR WASHED UP. AT VERY TOP OF LINE (cut boot.)
35		SBE39	77.5	103	1218	1809	
36		SBE37P	85	1909	1221	1805	STOPPING OFF TO CHECK WINCH
37		SEAGUARD ADCM	87.3	140	1312	1804	OPTODE 189
38	18.2	⁷ / ₁₆ WIRE SBE39		203			12200-11
39		SBE39	92.5	203 276	1315	1802	
40		SBE39	100	276	1319	1759	
41		ECD FS	100.5	2866	1319	1759	WETLABS CAP OFF 1317
42		SEAGUARD ADCM	107	961	1324	1756	COND #726 PRESS 444 438 474 OPTODE 1072 T:430 WOTHR
43	21.5	⁷ / ₁₆ WIRE					12200-10
44		SBE39	115	284	1326	1755	
45		SBE37	130	8215	1329	1752	
46	4	⁷ / ₁₆ WIRE					12200-16
47		RDI ADCP	135	1218	1334	1750	UPWARD LOOKING
48	8.5	⁷ / ₁₆ WIRE					12200-18
49		SEAGUARD ADCM	145	141	1337	1748	OPTODE 190
50	13.5	⁷ / ₁₆ WIRE					# 12200 19

ARRAY NAME AND NO. STRATUS 13 MOORED STATION NO. 1265

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51		SBE 37	160	8212	1341	1744	12200-8
52	21.7	7/16 WIRE					12200-8
53		SBE 39	175	719	1343	1743	
54		SEAGUARD ADCM	183	964	1346	1741	OPTODE 1087 COND 724 PRESS SW 475 T 431
55	5.5	7/16 WIRE					12200-19
56		SBE 37	190	8216	1350	1737	FIRST GOOSE NECK HOOK
57	29	7/16 WIRE					12200-6
58		SBE 37	220	8225	1356	1734	
59	13.5	7/16 WIRE					12200 14
60		SEAGUARD ADCM	235	142	1400	1730	MUCH FISHING GEAR HOOK OPTODE 267
61	53.5	7/16 WIRE					12200-4
62		OPTODE	250	691	1405	1727 1724	SNAPPED AT RECOVERY
63		SBE 39	280	720 720	1408	1723	
64		SEAGUARD ADCM-0	290	143	1411	1720	OPTODE 268
65	58.5	3/8 WIRE					12079 33 FISHING LINE HOOK
66		SBE 37	295	1906	1413	1719	
67		SEAGUARD ADCM-0	350	969	1418	1715	P473 E722 T 429 O 4331088
68	48.5	3/8 WIRE					10242 13
69		SEAGUARD ADCM 0	400	144	1424	1710	OPTODE 269
70	48.5	3/8 WIRE					10242 - 7 - A
71		SEAGUARD ADCM-0	450	181	1430	1707	OPTODE 404
72	148.5	3/8 WIRE					12200 - 17
73		OPTODE	500	943	1434	1706	
74		SBE 37P	550	3733	1440	1702	
75		S.G. ADCM 0	600	182	1446	1658	OPTODE 405 HEADS UP

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	200	3/8 WIRE					11237-5
77		SBE 37	601	1908	1448	1657	
78		SBE 37	700	8220 8221	1454	1655	SWAPPED SBE 37 TO 2000M UNIT
79		VMCM	802	4	1500	1650	1653 SPUN 1458 BANDS OFF
80	485	3/8 WIRE					10242 70
81		VMCM	833	31	1504	1645	PROPS 6000 1649 SPUN 1503 BANDS OFF
82	500	3/8 WIRE					12200-2
83		SBE 37	857	8218	1507	1643	
84		SBE 37	81355	8224	1521	1632	
85	150	3/8 WIRE					9074-3A
86		VMCM	1507	32	1528	1605	1605 SPUNING 1631 SPIN 1527 PROPS SPUN
87	500	3/8 WIRE			1527	1605	12200-1
88		SBE 37	1557	8219	1530	1623	
89		SBE 37	2000	8221 8220	1542	1616	MARKED FOR 700M (SWAPPED)
90		VMCM	2010	42	1548	1609	BANDS SPUNING 1614 SPIN BANDS OFF 1545 BOTTOM AND RECAP
91	21m 100	3/8 WIRE				1609- 1604	122009 SHOT ADDED, DEEPER LOCATION 10214-8 TERMINATION
92	200	7/8 NYLON			1551-	1601-	
93	1600	7/8 NYLON			1605-	1530- 1601	
94	1500	COLMEGA			1630-1651	1450- 1529	
95		88 GLASS BALLS				1335-	TIED ON 1316 2015-4-24 BROKEN OVER AT 17:34
96		PAIRS SBE 37	1873 1875		1735	1346	
97	5	1/2 CHAIN RELEASES			1750	1347	
98	5 20	1/2 CHAIN SAMSON					
99	5	1/2 CHAIN					
100		ANCHOR			1801		

SWAPPED SBE 37S @ 700m + 2000m BECAUSE SU 8221 HAD TO HAVE END CAP ADJUSTED