

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. STRATUS 15 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 20-06-16 Time 21:48 UTC
Deployed by Lord / Pietro Recorder/Observer Bigorre
Ship and Cruise No. AGS61 Cabo de Hornos Intended Duration 1 year
Depth Recorder Reading 4600 (12 kHz) m Correction Source Mathews table +
Depth Correction -35 m m past CTDs (sound velocity = 1509 m/s)
Corrected Water Depth 4565 m Magnetic Variation (E/W) _____
Anchor Drop Lat. (N/S) 19° 37.627' Lon. (E/W) 84° 56.687'
Surveyed Pos. Lat. (N/S) 19° 37.5734' Lon. (E/W) 84° 56.818'
Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech Tested to 500 m

Release No. 1 (sn) <u>48274</u>	Release No. 2 (sn) <u>48281</u>
Interrogate Freq. <u>11 kHz</u>	Interrogate Freq. <u>11 kHz</u>
Reply Freq. <u>12 kHz</u>	Reply Freq. <u>12 kHz</u>
Enable <u>567402</u>	Enable <u>567743</u>
Disable <u>567421</u>	Disable <u>567760</u>
Release <u>551071</u>	Release <u>551241</u>

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 cm

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Surface Components

Buoy Type MOBS Color(s) Hull Tower Yellow (top), Blue (bottom), white (tower)

Buoy Markings If found adrift contact Woods Hole Oceanographic Woods Hole, MA 02543 USA. 508-457-1401

Surface Instrumentation

Item	ID #	Height* cm, above deck	Comments
ASIMET logger	L04		Port side . System 1
HRH	299	230	
BPR	218	245	
WND	217	271	
PRC	214	253	
LWR	255	278	
SWR	212	279	
SST	1838	-152	
PTT	12789		27916, 27917, 27918
ASIMET logger	L14		Starboardside . System 2
HRH	256	230	
BPR	210	243	
WND	210	271	
PRC	501	253	
LWR	221	278	
SWR	214	279	
SST	2053	-152	
PTT	18171		27919, 27920, 27921
WXT	5	250 (245 at top of white collar)	Center front
LASCAR	243 356	205	port
SBE39	1447	223	port
HRH	216	230	starboard
XEOS Rover			30043406 0815 350
PC02			

*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			1347		
2	.22	3/4 chain					
3		SBE37	2	1325	1346		
4	.37	3/4 chain					
5		SBE37	3.7	1326	1346		
6		termination					
7		SBE39	4.9	35	1346		down
8	1.3	3/4 chain					
9		RCM II	7	78	1346		
10	1.5	3/4 chain					
11		SBE37	10	1328	1326		
12	1.73	3/4 chain					
13		Nortek ADCP	13	357	1324		Heads up - 2 MHz
14	1.35	3/4 chain					
15		SBE37	16	1329	1316 1319		
16	2.70	3/4 chain					
17		RCM II	20	79	1316		
18	3.66	3/4 chain					
19		SBE39	25	38	1310		up
20	3.90	3/4 chain					
21		SBE37	30	1330	1306		
22	1.12	3/4 chain					
23		RCM II	32.5	13	1305		
24	1.2	3/4 chain					
25		SBE39	35	44	1303		up

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	3.9	3/4 chain					
27		SBE37	40	8211	1300		
28	3.66	3/4 chain					
29		Seaguard ADCM	45	138	1259		with optode
30		SBE39	50	48			clamped
31	16m	7/16 wire					
32		SBE39	50	48	1259		clamped
33		SBE39	55	49	1408		clamped
34		SBE37	62.5	8212	1418		load bar
35	16m	7/16 wire					
36		SBE39	70	102	1416		clamped
37		SBE39	77.5	103	1421		clamped
38		RDI ADCP	80	1218	1426		
39	6	7/16 wire					
40		SBE37	85	1909	1432		clamped, with pressure
41		Seaguard ADCM	87.3	969	1432		with optode (LS)
42	18.2	7/16 wire					
43		SBE39	92.5	203	1434		clamped
44		SBE39	100	276	1439		clamped
45		Fluorometer FLSB	100.5	2866	1439		clamped, cap off. moved above SBE39 #276
46		Seaguard ADCM	107	961	1445		with optode. (LS)
47	21.5	7/16 wire					
48		SBE39	115	284	1445		clamped
49		SBE37	130	8215	1449		with load bar.
50	14	7/16 wire					

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51		Seaguard ADCM	145	141	1456		with optode
52	13.5	7/16 wire					
53		SBE 37	160	8216	1501		load bar
54	21.7	7/16 wire					
55		SBE 39	175	719	1503		clamped
56		Seaguard ADCM	183	964	1509		with optode (LS)
57	5.5	7/16 wire					
58		SBE 37	190	12258	1515		load bar
59	29	7/16 wire					
60		SBE 37	220	12256	1520		load bar
61	13.5	7/16 wire					
62		Seaguard ADCM	235	142	1526		with optode
63	53.5	7/16 wire					
64		Optode	250	691 943	1530		clamped (LS)
65		SBE 39	280	720	1534		clamped
66		Seaguard ADCM	290	143	1539		with optode
67	58.5	3/8 wire					
68		SBE 37	295	1906	1542		clamped
69	1	3/4 chain					
70	48.5	3/8 wire					
71		Seaguard ADCM	400	144	1555		with optode
72	48.5	3/8 wire					
73		Seaguard ADCM	450	181	1559		with optode
74	148.5	3/8 wire					
75		Optode	500	943 691	1603		(LS)

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76		SBE37	550	3733	1607		clamped, with pressure
77		Senguard ADCH	600	182	1615		with optode
78	200	3/8 wire					
79		SBE37	601	1908	1617		clamped
80		SBE37	700	8218	1618		clamped
81		VMCM	802	1	1625		1618 rotors spinned up
82	48.5	3/8 wire					
83		VMCM	853	17	1631		1625 spin up
84	500	3/8 wire					
85		SBE37	857	8219	1637		clamped
86		SBE37	1355	8220	1706		clamped. small depth change during deployment (initially 1354 m)
87	150	3/8 wire					
88		VMCM	1506	80	1717		1712 spin up
89	500	3/8 wire					
90		SBE37	1557	8221	1721		clamped
91		SBE37	2000	8224	1740		clamped
92		VMCM	2009	91	1744		1739 spin up
93	100	3/8 wire					} potted termination
94	200	7/8 nylon					
95	1700	7/8 nylon			1815 (start)		} spliced at sea
96	1500	1" Colmega					
97		glassballs (92)			2048		(23) (one ball broken)
98		SBE37	4528	2053 12257	~2125		} on same load bar, 37m above bottom
99		SBE37	4528	1837 11394	~2125		
100	5	1/2 chain					

