

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus 7 MOORED STATION NO. 1176

Launch (anchor over)

Date (day-mon-yr) 10/16/2006 Time 17:51:00 UTC
Latitude (N/S, deg-min) 19° 45.320' Longitude (E/W, deg-min) ~~19 45 320~~ -85° 31.754'
Deployed by Lord, Weller Recorder/Observer Sebastien Bigorre
Ship and Cruise No. R/V Ron Brown Intended Duration 12 months
Depth Recorder Reading 4441 m Correction Source Ratthew's table
Depth Correction 5m Ratthew's table m
Corrected Water Depth 4446 m Magnetic Variation (E/W) E 7.6833°
Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) 19° 45.2852' S Long. (E/W) 85° 31.9272' W

Acoustic Release Model

Release No. 32481 / 32478 Tested to 500, 1500 m
Receiver No. _____ Release Command 132132 / 132043
Enable 114617 / 114442 Disable 114634 / 114461
Interrogate Freq. 11 kHz Reply Freq. 12 kHz

Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC
Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____
Recovered by _____ Recorder/Observer _____
Ship and Cruise No. _____ Actual duration _____ days
Distance from actual waterline to buoy deck _____ m

Surface Components

Buoy Type Foam Color(s) Hull Yellow Tower White

Buoy Markings If found contact Woods Hole Oceanographic
Woods Hole MA 02543 USA 508 548 1401

Surface Instrumentation

Item	ID #	Height*	Comments
HRH	232	223	System #1
BPR	207	237.5	
WND	222	273	
PRC	205	241	
LWR	214	283	
SWR	219	282	
SST	1727	-151	
Logger	L-04		
PTT# 18171	27919		
	27920		
	27921		
HRH	231	223	System #2
BPR	217	237	
WND	215	271	
PRC	208	241	
LWR	218	283	
SWR	212	282	
SST	1835	-151	
Logger	L-15		
PTT# 12789	27916		
	27917		
	27918		
HRH	216	194.5	Stand alone
LASCAR	3	168.5	Stand alone
LASCAR	4	213	Stand alone

*Height above buoy deck in centimeters

Subsurface Instrumentation on Buoy and Bridle

Item	ID #	Depth†	Comments
TR-1050	12707	*-12.5	*from top of float
SBE-39	72	*5.5	
PCO ₂	0011		
Beacon	104		Subsurface Argoes . ID 24576

†Depth below buoy deck in centimeters

Moored Station Number _____

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1	0.22	3/4" chain							
2		XR 420	10514	12:44:40	buoy in water		2		
3	0.37	3/4" chain							
4		SBE 37	1325	12:44			3.7		
5	1.95	3/4" chain							
6		SBE 37	1326	12:24:50 12:23:30			7		
7	1.72	3/4" chain							
8		Aanderaa	13	12:22			10		heads up
9	3.66	3/4" chain							
10		Nortek	2128	12:19:30			15		heads up termination only
11		SBE 37	1328	12:19:30			16		
12	2.63	3/4" chain							
13		Aanderaa	78	12:17:30			20		heads up
14	3.66	3/4" chain							
15		SBE 39	476	12:15:30			25		
16	3.66	3/4" chain							
17		SBE 37	1329	12:14			30		
18	1.20	3/4" chain							
19		Aanderaa	79				32.5		heads up
20	1.20	3/4" chain							
21		SBE 39	477				35		
22	1.20	3/4" chain							

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		SBE 37	1330				37.5		
24	1.20	3/4" chain							
25		SBE 37	1906				40		
26	5.75 3.25	3/4" wire							
27		VMCM	003		rubber band - spin ✓ 12:05:30		45		
28	2.38	3/4" chain							
29		Sontek	D208	12:58:50			50		heads down
30	3.66	3/4" chain							
31		VMCM	004	13:03	rubber band - spin ✓ 12:58:50		55		
32	5.25	7/16" wire							
33		SBE 37	1908	13:06:30			62.5		
34	6.2	7/16" wire							
35		SBE 39	48	13:11:30	rain started		70		
36	6.2	7/16" wire							
37		SBE 39	49	13:14:25			77.5		
38	6.2	7/16" wire							
39		SBE 37	1909	13:16:15			85		
40	6.2	7/16" wire							
41		SBE 39	102	13:22:40			92.5		
42	2.40	3/4" chain							
43		SBE 37	2012	13:25:40			96.3		
44	2.40	3/4" chain							
45		SBE 39	103	13:26:20			100		

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Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
46	13.75	7/16" wire							
47		SBE 39	276	13:30:31			115		
48	13.75	7/16" wire							
49		SBE 37	2015	13:33:00			130		
50	3.66	3/4" chain							
51		RDI	1281	13:34:55			135		
52	8	7/16" wire							
53		VMCM	009	13:37:25	rubber band - spin ✓ 13:35:36		145		
54	12.8	7/16" wire							
55		SBE 16	146	13:40:10			160		
56	13.5	7/16" wire							
57		SBE 39	284	13:42:00			175		
58	5.75	7/16" wire							
59		VMCM	013	13:43:54	rubber band - spin ✓ 13:41:40		182.5		
60	5.75	7/16" wire							
61		SBE 16	991	13:47:46			190		
62	28.5	7/16" wire							
63		SBE 16	1873	13:51:44			220		
64	13	7/16" wire							
65		VMCM	016	13:54:20	rubber band - spin ✓ 13:51:00		235		
66	13	7/16" wire							
67		SBE 16	1875	13:59:20			250		

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
68	38	3/8" wire							
69		VMCM	061	14:02:50	rubber band - spin ✓ 13:58:51		290		
70	18	3/8" wire							
71		SBE 16	1881	14:05:20			310		
72	38	3/8" wire							
73		VMCM	062	14:08:55	rubber band - spin ✓ 14:05:10		350		
74	500	3/8" wire							
75		SBE 39	719	14:10			400		clamped
76		SBE 39	720	14:12:48			450		clamped
77		VMCM	083	14:26:50	rubber band - spin ✓ 14:15:00		852		
78	500	3/8" wire			end of wire in water @ 14:40				
79	500	3/8" wire		1050 L					
80	100	3/8" wire							} one piece, wrapped terminat ⁿ
81	200	7/8" wire		15:05					
82	150	7/8" wire		15:14					
83	1500	7/8" nylon							} one piece, spliced at sea
84	100	1" nylon							
85	1500	1 1/8" poly		16:45	end in water				
86		17" glass balls		17:17					
87	5	1/2" chain							
88		release		17:40					Dated. EGG 8242
89	5	1/2" chain							
90	20	1" Samson nystro							

HHH HHH HHH

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Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
91	5	1/2" chain							
92		Anchor		17:51:00					Wet wt = 8000 lbs Air wt = 9300 lbs
93									
94									
95									
96									
97									
98									
99									

Date/Time	Comments