

Moored Station Log

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(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus III MOORED STATION NO. 1108

Launch (anchor over)

Date 25 October 2002 Time 0:16:26 UTC
day-mon-year
Latitude 20° 10.551' N or (S) Longitude 85° 6.63' E or (W)
deg-min deg-min
Position Source: GPS, LORAN, SAT. NAV., OTHER GPS
Deployed by: Lord, Dunn, Ryder, Weller, Smith Recorder/Observer: Lara Hutto
Ship and Cruise No. Melville Vanc 03 Intended duration: 365 days
Depth Recorder Reading 4444 m Correction Source: Matthew's
Depth Correction -4 m Table correction to Seabeam
Corrected Water Depth 4440 m Magnetic Variation: 7.9166 E or W
Anchor Position: Lat. 20° 10.482' N or (S) Long. 85° 6.727' E or (W)
Argos Platform ID No. See page 2. Additional Argos Info may be found
on pages 2 and 3.

Acoustic Release Information

Release No. 503121 Tested to 1500 meters
Receiver No. 3 Release Command 33
Enable Command 32
Interrogate Freq. 11 KHz Reply Freq. 10 KHz

Recovery (release fired)

Date 17 November 2003 Time 12:32 UTC
day-mon-year
Latitude 20° 10.117' N or (S) Longitude 85° 06.358' E or (W)
deg-min deg-min
Position Source: GPS, LORAN, SAT. NAV., OTHER GPS
Recovered by: Lord, Ryder Recorder/Observer: Hutto
Ship and Cruise No. Revelle, Dana 03 Actual duration: 389 days
Distance from actual waterline to buoy deck 0.3 meters

Surface Components

Buoy Type 3m Discus Color(s) Deck Yellow Hull Blue Tower White

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

Surface Instrumentation			
Item	ID	Height *	Comments
Data Logger	L04		System #1
Rel. Humidity	HRH 219	257.2 ^{top of shield}	ASIMET
Wind Module	WND 217	303.7 ^{rotor axis}	ASIMET
Precipitation	PRC 206	275.3 ^{top of funnel}	ASIMET
Long Wave Rad.	LWR 101	316.5 ^{base of dome}	IMET
Short Wave Rad.	SWR 109	316.5 ^{base of dome}	IMET
Argos PTT	ID 27916		Wildcat PTT # 12789
	ID 27917		
	ID 27918		
Barom. Press.	BPR 106	241.8 ^{center of port}	IMET
Data Logger	L07		System #2
Rel. Humidity	HRH 216	255.3 ^{top of shield}	ASIMET
Wind Module	WND 219	303.0 ^{rotor axis}	ASIMET
Precipitation	PRC 205	275.3 ^{top of funnel}	ASIMET
Long Wave Rad.	LWR 006	316.5 ^{base of dome}	IMET
Short Wave Rad.	SWR 111	316.5 ^{base of dome}	IMET
Argos PTT	ID 27919		Wildcat PTT # 18171
	ID 27920		
	ID 27921		
Barom. Press.	BPR 112	241.8 ^{center of port}	IMET
Barom. Press.	BPR 204	219.7 ^{center of port}	Stand alone, ASIMET
Rel. Humidity	HRH 222	269.6 ^{top of shield}	Stand alone, ASIMET
Argos PTT	ID 20060		Stand alone, # 18231
* Height above buoy deck in centimeters			

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
	0.48	3/4" Prob Coil Chan							
3.71		Seacat	1873	14:31:00	Wogs Live!			21:41	
	1.98	3/4" PCC							
7		Seacat	1875	14:06:54				21:41	
	1.3	3/4" PCC							
10		3/4" Cage VMCM	009	13:57:48	13:53:26 bands off			21:42	fishing line in rotors
	0.75	3/4" PCC							
13		Aandera w/Temp	129	13:54:21				21:45	
	1.71	3/4" PCC							
16		Seacat	2325	13:51:30				21:46	fishing line on inst.
	2.26	3/4" PCC							
20		3/4" Cage VMCM	D30	13:46:15	13:43:47 bands off			21:46	
	2.04	3/4" PCC							
25		Chiam w/ SBE-39	Cn #1 SB 0049	13:43:32				21:50	
	3.24	3/4" PCC							
30		Seacat	1880	13:40:38				21:50	fishing line
	0.75	3/4" PCC							
32.5		3/4" Cage VMCM	055	13:40:28	13:28:35 bands off			21:55	fishing line
	0.34	3/4" PCC							
35		T-POD	4485	13:37:28				21:56	fishing line
Date/Time		Comments							
~ 14:31 (10/24/02)		Buoy in water (10/24/02)							

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
21	3.7	3/4" PCC							
40		Microcat	1326	13:25:09	Back out of water 15:07:01			21:57	fishing line
23	3.33	3/4" PCC							
45		3/4" Cage VMCM	011	15:14:39	Bands of 6 15:12:50			21:57	fishing line
25	3.06	3/4" PCC							
50		RainG.	1b.5	15:19:24				20:38	
27	3.33	3/4" PCC							
55		T-POD	3836	15:23:51				20:34	
29	6.2	7/16" Wire						0	
62.5		T-POD	1330	15:28:57				20:30	
70		Microcat	3830	15:31:46					
31	6.2	7/16" Wire							
70		T-POD	3830	15:31:46				20:25	
33	6.2	7/16" Wire							
77.5		T-POD	3259	15:35:17				20:20	
35	6.2	7/16" Wire							
85		Microcat	1329	15:38:18				20:15	fishing line
37	6.2	7/16" Wire							
92.5		T-POD	4495	15:40:53				20:10	fishing line
39	6.2	7/16" Wire							
100		T-POD	4228	15:43:52				20:05	fishing line
Date/Time		Comments							
11/17/03, 20:43 UTC		Upper mooring set free							

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depth from drawing (m)

	Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
	41	14	7/16" Wire							
115	42		T-POD	3831	15:46:47				20:00	
	43	14	7/16" wire							
130	44		Microcat	2012	15:49:11				19:56	
	45	3.09	3/4" FCC							
135	46		ADCP	1218	15:52:46				19:51	
	47	8.5	7/16" wire							
145	48		T-POD	3764	15:55:50	1st goose neck on inst.			19:49	
	49	14	7/16" wire							
160	50		T-POD	3762	16:01:22				19:44	
	51	28.5	7/16" wire							
190	52		Microcat	1328	16:06:50				19:39	
	53	28.5	7/16" wire			1st goose neck on wire				
220	54		T-POD	3258	16:10:20				19:33	
	55	13	7/16" wire							
235	56		F5I 3-D ACM	1469	16:15:50	Sensors down			19:28	
	57	13	7/16" wire							
250	58		T-POD	4494	16:24:30				19:22	
	59	100	3/8" wire							
349	60		SBE39	0048	16:35:30	Clamped on wire			19:10	
		Date/Time	Comments							

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depth
from
winch
(m)
350

450

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
61		New Gen MCM Cage	001	16:35:30	bands off 16:30:24			19:07	Bands on 20:55:30
62	100	3/8" wire							
63		SBE 39	0050	16:40:24	Clamped on wire			18:52	
64	500	3/8" wire		16:40:24				18:52	
65	500	3/8" wire		17:02:25				18:33	
66	500	3/8" wire		17:38				18:16	
67	100	3/8" wire		18:03:30	one piece wrapped termination			17:56	
68	200	7/8" nylon		18:21:50				17:48	
69	150	7/8" nylon		18:36:27				17:37	
70	500	7/8" nylon		18:48:27				17:22	
71	500	7/8" nylon		20:09:49				15:54	
72	500	7/8" nylon		20:58:52	one piece to be spliced at sea			15:43	
73	100	1" nylon		21:17:23				15:29	
74	1400	1 1/8" polyprop		21:21:15				15:25	
75		80 - 17" glass balls		22:40	on 1/2" trawler chain			14:00	
76	5	1/2" trawler chain		23:19:31				14:00	
77		Acoustic Release	503121	23:32:46	Pin Out 23:31:51			14:00	
78	5	1/2" trawler chain		23:32:46				14:00	
79	20	1" Samson Nylon		23:42:14				14:00	
80	5	1/2" trawler chain						14:00	

Date/Time	Comments
10/24/02	Stopped winch to wind nylon between items # 71 and # 72.
	Acoustic Release Model EGG 322
11/17/03	~5 broken glass balls.
11/17/03	14:38 Stopping off to spool off winch.
11/17/03	~15:54 Stopping off to spool off winch.

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
81		Anchor		0:16:26	Air wt 9300 lb WetWt 8000 lb				
82									
83									
84									
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									
Date/Time		Comments							

