Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus 6 MOORED STATION NO. 11643

Launch (anchor over)

Date 14 October 2005 (day-mon-year) Time 17:51 UTC

Latitude 20° 02.747' (deg-min) N or (S) Longitude 85° 11.147' (deg-min) E or (W)

Position Source: GPS, LORAN, SAT. NAV., OTHER _____

Deployed by: Lord et.al. Recorder/Observer: Hutto

Ship and Cruise No R/V Ron Brown Intended duration: 365 days

Depth Recorder Reading 4476 m Correction Source: Mathew's Table

Depth Correction 5 m _____

Corrected Water Depth 4481 m Magnetic Variation: _____ E or W

Anchor Position: Lat. 20° 2.6703' N or (S) Long. 85° 11.3054' E or (W)

Argos Platform ID No. _____ Additional Argos Info may be found on pages 2 and 3.

Acoustic Release Information

Dual 8242's

Release No. 30845 / 30848 Tested to 4400 meters

Receiver No. NA Release Command 151355 / 151262

Interrogate Freq. 11 Khz Reply Freq. 12 Khz

Recovery (release fired)

Date 18 - 10 - 06 (day-mon-year) Time 12:45 UTC

Latitude 20° 3.48 (deg-min) N or (S) Longitude 85° 11.82 (deg-min) E or (W)

Postion Source: (GPS), LORAN, SAT. NAV., OTHER _____

Recovered by: LORD Recorder/Observer: CALBRAITH

Ship and Cruise No. RV RonBrown Actual duration: _____ days

Distance from actual waterline to buoy deck _____ meters

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	221	218	System #1
BPR	504	247	
WND	212	260	
PRC	207	249	
LWR	221	279	
SWR	505	279	
Logger	L-1		
PTT #14709	9805		
	9807		
	9811		
HRH	208	216	System #2
BPR	221	247	
WND	348	262	
PRC	505	249	
LWR	204	279	
SWR	207	279	
Logger	L-2		
PTT #14612	24337		
	27970		
	27971		
HRH	503	222	Stand Alone
LWR	506	279	Stand Alone
Floating SST	0716		
SiS Beacon	11427		SN # 22

*** Height above buoy deck**

Sub-Surface Instrumentation on Buoy and Bridle

Item	ID	Depth†	Comments
SBE37	1837	1.5 m	System #1
SBE37	1834	1.5 m	System #2

† Depth below buoy deck

Sub-Surface Components

	Type	Size(s)	Manufacturer
Chain			
Wire Rope			
Synthetics			
Hardware			

Flotation	Type (G.B.s, Spheres, etc)	Size	Quantity	Color
Glass Balls	17" in hard hats	17"	90	yellow

No. of Flotation Clusters _____

Anchor Dry Weight 9300 lbs

MOORED STATION NUMBER 11683

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
1	0.22	3/4" Chain						1254	
2 (conductivity)		SBE37	1899	12:24			2.0	1259	
3	0.37	3/4" chain							
4		XR420	10515	12:24	BRAKE		3.7	1316	
5	1.95	3/4" chain							
6		SBE37	2011	12:10			7.0	1316	
7	1.25	3/4" chain							
8		VMCM	057	12:10	12:08 bands off		10	1319	*
9	2.85	3/4" chain							
10		Nortek	333	12:07			15	1322	1 MHz ADCP facing up
11		SBE37	1901	12:07			16	1323	
12	2.25	3/4" chain							
13		VMCM	030	12:04	12:02 bands off		20	1324	FISHLINE CLOSE TO PROPS
14	2.78	3/4" chain							
15		TPOD	3764	12:02			25	1330	
16	3.66	3/4" chain							
17		SBE37	1905	12:00			30	1331	
18	0.52	3/4" chain							
19		Sontek	D197	12:00			32.5	1335	ADCM facing down
20	1.59	3/4" chain							

Date/Time	Comments
Oct. 14, 2005	12:24 Buoy in water
Oct. 18 2006	1238 (VIA SMALL BOAT) - LINE FROM SHIP TO BUOY FLOATING SST SENSOR MOVING 'SLUGGISHLY' DUE TO BIOFOULING
	1254 BUOY OUT OF WATER ON A FRAME
	1258 BUOY ON DECK

* VM57 BEARINGS GONE, PROPELLER ALIGNMENT BAD; EDGE OF PROP HITS CAGE BAR ON UPPER PROP

MOORED STATION NUMBER 11063

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
21		TPOD	3839	11:57			35	1335	
22	3.66	3/4" chain							
23		SBE37	1912	11:55			40	1338	
24	3.30	3/4" chain							
25		VMCM	029	11:53	11:45 bands off		45	1341	JAMMED OUT W FISHING LINE
26	15.25	7/16" wire							
27		SBE37	1902	12:47			62.5	1421	
28	6.2	7/16" wire							
29		TPOD	4481	12:50			70	1425	
30	6.2	7/16" wire							
31		TPOD	4488	12:53			77.5	1428	
32	6.2	7/16" wire							
33		SBE37	1910	12:55			85	1432	
34	6.2	7/16" wire							
35		TPOD	4489	12:56			92.5	1437	
36	5.7	7/16" wire							
37		VMCM	053	13:00	12:56 bands off		100	1440	WIRE IN PROPS
38	12.8	7/16" wire							
39		TPOD	4494	13:04			115	1445	
40	13.5	7/16" wire							

Date/Time	Comments
2006/10/18 1402	VANES OFF

MOORED STATION NUMBER 11643

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
41	~~3.66~~	SBE37	1903	13:06			130	1448	
42	3.66	3/4" chain							
43		RDI	1220	13:09			135	1451	
44	8	7/16" wire							
45		VMCM	076	13:12	13:09 bands off		145	1454	LOWER PROPS SPINNING, UPPER PROPS SPINNING LIGHTLY
46	12.8	7/16" wire							
47		SBE16	0927	13:15			160	1459	
48	13.5	7/16" wire							
49		TPOD	4495	13:17			175	1502	
50	6.2	7/16" wire							
51		SonTek	D193	13:19			183	1506	ADCM facing down
52	6.2	7/16" wire							
53		SBE16	1877	13:23			190	1509	POISON PLUGS SLIGHTLY BENT
54	28.5	7/16" wire							
55		SBE16	0928	13:26			220	1514	
56	13	7/16" wire							
57		VMCM	008	13:29	13:26 bands off		235	1518	PROPS SPINNING FREELY
58	13	7/16" wire							
59		SBE16	0994	13:31			250	1522	
60	38	3/8" wire							

Date/Time	Comments
	RDI AT 135 M WAS UP-FACING (JUST TO CONFIRM)

MOORED STATION NUMBER 11693

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
61		VMCM	034	13:34	13:31 bands off		290	1527	fishing wire top spinning, bottom not
62	18	3/8" wire							
63		SBE16	0993	13:37			310	1534	fishing line
64	38	3/8" wire							
65		VMCM	040	13:39	13:37 bands off		350	1541	PROPS NOT SPINNING
66	500	3/8" wire						1610 -	
small 67		SBE39	0282	13:42			400	1614	clamped on
68		SBE39	0203	13:43			450	1616	clamped on
69	500	3/8" wire		13:55				1629 -	
70	500	3/8" wire		14:17				1644 -	
71	100	3/8" wire		14:47				1655 -	one piece wrapped
72	200	7/8" nylon		14:52					termination
73	150	7/8" nylon		15:00					
74	1500	7/8" nylon		15:11				1721 -	one piece
75	100	1" nylon		15:47					spliced
76	1500	1 1/8" ~~poly~~ nylon		15:50					
5m → 1/2" chain 77		17" Glass Balls		17:12	All balls in			1835 -	90 total on 1/2" chain
78	5	1/2" chain		17:19					
79		Acoustic Release		17:20					EGG Model 8242
80									

Date/Time	Comments
Oct. 14, 2005	4123~5 and 4069-24 wire shots have cracks
	(500m) (100m)

THL NL THL THL III

MOORED STATION NUMBER 11643

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
81	5	½" chain		17:26					
82	20	1" Samson Nystron		17:36					
83	5	½" chain		17:51					
84		Anchor		17:51					Wet Wt. 8000 lbs.
85									
86									
87									
88									
89									
90									
91									
92									
93									
94									
95									
96									
97									
98									
99									
100									

Date/Time	Comments