

# APPENDIX B – MOORING LOGS

## Moored Station Log

PAGE 1

(fill out log with black ball point pen only)

ARRAY NAME AND NO. Stratus 4 MOORED STATION NO. 1119

### Launch (anchor over)

Date 11/19/2003 Time 20:31:30 UTC  
day-mon-year

Latitude 19° 45.951' N or  S Longitude 85° 30.239' E or  W  
deg-min deg-min

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

Deployed by: Lord, Ryder Recorder/Observer: Hutto

Ship and Cruise No Revelle, Dana 03 Intended duration: 365 days

Depth Recorder Reading 4441 m Correction Source: Already

Depth Correction N/A m applied

Corrected Water Depth N/A m Magnetic Variation: \_\_\_\_\_ E or W

Anchor Position: Lat. 19° 45.951' N or  S Long. 85° 30.405' E or  W

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

4413 read at anchor site

### Acoustic Release Information

Release No. 339 Tested to 1500 meters

Receiver No. 6 Release Command 63

Interrogate Freq. 11 kHz Reply Freq. 10 kHz

### Recovery (release fired)

Date 12 December 2004 Time 10:46:50 UTC  
day-mon-year

Latitude 19° 46.278' N or  S Longitude 85° 30.854' E or  W  
deg-min deg-min

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

Recovered by: Lord, Weller, Smith, Bouchard Recorder/Observer: Keir Colbo

Ship and Cruise No. Ron Brown 11-04 Actual duration: 388 days

Distance from actual waterline to buoy deck 0.25 meters





MOORED STATION NUMBER

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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
	1	0.52	3/4" chain					17:48	
3.9	2		SBE16	1882	13:13			17:48	can't read S/N
	3	1.8	3/4" chain						
7	4		SBE16	0146	12:58			17:48	
	5	1.2	3/4" chain						
10	6		VMCM	033	12:55	12:52:33 bands off		17:50	bands on 17:51 can't read S/N
	7	0.97	3/4" chain						
13	8		Sontek	D171	12:53			17:53	can't read S/N
	9	1.50	3/4" chain						
16	10		SBE16	1879	12:50			17:53	barracle in salinity cell
	11	2.25	3/4" chain						
20	12		VMCM	006	12:46	12:44:50 bands off		17:55	17:55 bands on can't read S/N
	13	2.85	3/4" chain						
25	14		TPOD	3667	12:46			17:56	
	15	3.66	3/4" chain						
30	16		SBE16	2324	12:39			17:58	
	17	0.75	3/4" chain						
32.5	18		Sontek	D197	12:39			18:01	Not sure of S/N A few on hen
	19	1.5	3/4" chain						
35	20		TPOD	3839	12:36			18:01	
		<b>Date/Time</b>		<b>Comments</b>					
		11/19/2003		Buoy in water 13:13					
		12 December 04		Buoy on deck and secure 17:45					

MOORED STATION NUMBER

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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
21	3.98	3/4" chain							
40	22	SBE16	0927	12:33				18:02	
	23	3/4" chain							
45	24	VMCM	053	13:30				18:04	18.04 bands on
	25	3/4" chain							
50	26	SBE16	0994	13:34				18:05	
	27	3/4" chain							
55	28	Sontek	D193	13:36				16:48	Drop remaining instruments in water
	29	7/16" wire							
62.5	30	SBE16	1878	13:39				16:45	
	31	7/16" wire							
70	32	TPOD	4483	13:44				16:42	
	33	7/16" wire							
77.5	34	TPOD	3703	13:47				16:39	
	35	7/16" wire							
85	36	SBE16	0993	13:49				16:36	didn't get S/N under haul gear
	37	3/4" chain							
88.5	38	VMCM bearing test	Test	13:53				16:33	
	39	3/4" chain							
92.5	40	TPOD	3701	13:55				16:29	
Date/Time		Comments							

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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
	6.2	7/16" wire							
100		TPOD	4481	13:58				16:26	
	14	7/16" wire							
115		TPOD	4493	14:03				16:19	
	14	7/16" wire							
130		SBE16	0928	14:05				16:16	
	3.43	3/4" chain							
135		RDI	1220	14:10	looking up			16:13	few barnacles heads clean
	8	7/16" wire							
145		TPOD	3309	14:12				16:10	1 barnacle
	14	7/16" wire							
160		SBE37	2011	14:21				16:08	
	28.5	7/16" wire							
175		TPOD	4488	14:23	on wire			16:04	
190		VMCM	030	14:29				15:59	heads @ 16:00 1 barn
192		SBE16	2322	14:29				15:59	
	28.5	7/16" wire							
222		SBE37	1899	14:34				15:53	
Date/Time		Comments							

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
	61	14	7/16" wire						
238	62		VMCM 073	14:39	14:55:30 bands of 6			15:47	15:49 bands on
	63	14	7/16" wire						
254	64		TPOD 4489	14:43				15:42	
	65	38	3/8" wire						
280	66		TPOD 3305	14:50				15:37	
	67								
294	68		VMCM 068	14:54	14:52:10 bands of 6 red trim came loose			15:32	bands @ 15:33
	69	58	3/8" wire						
354	70		VMCM 057	15:08	15:03:15 bands of 6			15:26	refers banded @ 15:26
	71	100	3/8" wire						
400	72		SBE39 0282	15:11				15:26	
	73								
450	74		SBE39 0203	15:13				15:19	
	75	500	3/8" wire	15:33				15:17	
	76	500	3/8" wire	15:51				15:07	
	77	500	3/8" wire	16:04				14:55 14:41	
	78	100	3/8" wire	16:08				14:41 <del>14:37</del>	Mary took over and changed system slightly.
	79	200	7/8" nylon	16:16				14:37 <del>14:29</del>	
	80	150	7/8" nylon	16:23				14:21	switch to winch
Date/Time		Comments							
11/19/03		14:56 Stop to work on block.							
12 December 04		13:59 Switch From capstan to winch							

MOORED STATION NUMBER 1119

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
81	500	7/8" nylon		16:38				13:58	
82	500	7/8" nylon		17:24				13:40	
83	500	7/8" nylon		17:53				13:20	
84	100	1" nylon		18:14				13:08	
85	1400	1 1/8" poly		19:09				13:06	
86		90 glass balls (17")		1 - 19:15 96 - 19:49				12:14	3 burst
87	5	Chain		19:53				12:15	
88		release	339	20:04	pin out			12:15	
89	5	Chain		20:16					
90	20	nystron		20:22					
91	5	Chain		20:31:30					
92		anchor		20:31:30					
93									
94									
95									
96									
97									
98									
99									
100									
Date/Time		Comments							
11/19/03		16:58 tied off for spooling							
11/19/03		17:49 tied off for h-bit							
12 Dec 2004		12:38 First splice in 1 1/8" poly							
		13:05 2nd splice							



MOORED STATION NUMBER 1119

Date/Time	Comments
11/19/2003	Position at beginning of deployment
	19° 42.70' S , 085° 37.60' S

MOORED STATION NUMBER 1119

Date/Time	Comments
12 Dec 04	Range 4449 sknt
	Fired 10:47 UTC First try
	11:29 UTC Balls on surface
	All on board and secure 18:09