

Moored Station Log

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(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS IV MOORED STATION NO. 1129

Launch (anchor over)

Date 21-2-04 Time 03:16 UTC
day-mon-year

Latitude 14° 44.46 (N) or S Longitude 50° 55.74 E or (W)
deg-min deg-min

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

Deployed by: OSTROM Recorder/Observer: GALBRAITH

Ship and Cruise No RON BROWN Intended duration: 365 days

Depth Recorder Reading 5010 m Correction Source: MATHEW STABLE

Depth Correction +38 m 5048

Corrected Water Depth 5048 m Magnetic Variation: _____ E or W

Anchor Position: Lat. 14° 44.430 N or S Long. 50° 56.034 E or W

Argos Platform ID No. SS ¹² ~~216~~ 9209 Additional Argos Info may be found
SW 3 on pages 2 and 3.

Acoustic Release Information

Release No. 502290 Tested to 2000 meters

Receiver No. 4 Release Command 43

Interrogate Freq. 11 KHZ Reply Freq. 10 KHZ

Recovery (release fired)

Date 13-03-2005 Time 14:20 UTC
day-mon-year

Latitude _____ N or S Longitude _____ E or W
deg-min deg-min

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

Recovered by: LORD Recorder/Observer: GALBRAITH

Ship and Cruise No. RV Ron Brown Actual duration: _____ days

Distance from actual waterline to buoy deck 50 CM meters

Surface Components

Buoy Type DISCOS Color(s) Hull WHITE Tower WHITE

YELLOW DECK

Buoy Markings IF FOUND ADRIFT CONTACT: WOODS HOLE OCEANOGRAPHIC / WOODS HOLE, MA 02543 USA WHOI JOB-457-1401

Surface Instrumentation

Item	ID	Height *	Comments
HRH	226 L9	240cm	
BRH	225 L10	240	
BPR	202 L9	239	
BPR	213 L10	239	
WND	214 L9	293	
WND	216 L10	293	
PRC	211 L9	262	
PRC	213 L10	263	
LWR	207 L9	321	
LWR	214 L10	321	
SWR	212 L9	320	
SWR	214 L10	320	
SST	2053 L9		
SST	2054 L10		
ARGOS	WILD CAT L9 SN 18112	IDS 20741, 20892, 20898	
	WILD CAT L10 SN 18128	IDS 20956, 20957, 20959	
	STADDA ONE SN 19486	ID 9207	

* Height above buoy deck DECK IS 50CM ABOVE WATER, FROM VISUAL OBS

Sub-Surface Instrumentation on Buoy and Bridle			
Item	ID	Depth†	Comments
SST	2053 L9	198cm	SBE37
	2054 L10	198cm	
ARGOS SIS	SN 3 ID 9209		

† Depth below buoy deck VISUAL ESTIMATE SHOWS DECK 50 CM ABOVE WATERLINE

Sub-Surface Components

	Type	Size(s)	Manufacturer
Chain			
Wire Rope			
Synthetics			
Hardware			

Flotation	Type (G.B.s, Spheres, etc)	Size	Quantity	Color
i GROUP	GB	17"	8	YELLOW

No. of Flotation Clusters 1

Anchor Dry Weight 5814 lbs

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
1		SBE 39	678	22:11	40m			1647	
2	8.7m	3/4" CHAIN		22:12					
3		SBE 39	677	22:14	30m			1643	
4	8.7	CHAIN 3/4"		22:14					
5		SBE 39	631	22:17	20m			1639	
6	3.7	3/4" CHAIN		22:17					
7		SBE 39	545	22:20	15m			1638	
8	3.7	3/4" CHAIN		22:20					
9		SBE 39	546	22:22	10m			1634	
10	2.67	3/4" CHAIN		22:22					
11		AQUADOPP CM	432	22:24	DOCKERS UP 6m ✓			1630	
12		SBE 39	539	22:24	5m			1630	
13	2.23	3/4" CHAIN		22:42					
14		DISCUS		22:42				1552	OUTSIDE
15	8.7	3/4" CHAIN		22:56					
16		SBE 39	680	22:56	50m			1653	
17	33.7	WIRE 3/8" WITH		22:58-				1701-	
18		SBE 39	681	22:59	60			1701	
19		"	684	22:59	70			1704	
20		"	750	23:00	80			1705	
Date/Time		Comments							
MAR 13 '06 1550		OUT OF WATER (BUOY)							

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
21		ADCP	2125	2306	85m			1706	HEADS LOOK CLEAN
22	500	WIRE 3/8	WITH:	2306	DONE 2334				
23		TIDBIT	29	2307	90m			1710	
24		TIDBIT	683230	2311	100m			1712	
25		TIDBIT	683232	2312	110m			1714	
26		TIDBIT	683233	2314	120m			17:15	
27			34	2315	130m			1716	
28			37	2317	140m			1717	
29			38	2319	150m			1719	
30	500	WIRE 3/8		2335-	2348			1734-	
31	500	WIRE 3/8		2348-	0001			1750-	
32	300	WIRE 3/8		0001	00:09			1806-	STOP TO 1817 SPOOL OFF
33	100	WIRE 3/8		00:09	00:10			1817	
34	200	NYLON 7/8		00:10	00:17			1823-	
35	500	NYLON 7/8		00:18	00:29			1829-	
36	500	NYLON 3/4		01:03	1:13			1841-	LAST STOP ADDND OUTWELL
37	500	NYLON 3/4		01:15	01:27			1856-	INTO BASKET #1
38	500	NYLON 3/4		01:29	0143 "ADJUSTABLE"			1915-	
39	500	NYLON 3/4		0148				1928-	REMOVED KNOT IN LINE
40	100	NYLON 7/8		0200				1940	KNOT - LEFT

Date/Time	Comments
FEB 21 04 00 29	STOPPING OFF TO SPOOL NYLON ON
2005/3/13 17 30	RADIATION SENSORS BAGGED, OFF AT 18:04:30
18:02:30	SSTS INTO 'CE

MOORED STATION NUMBER _____

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
41	1400	POLYPRO SPliced	# # W 39,40	0202				1944	@ 1850, Box # 2
42		8GB	17"	0243				2019	3 BALCO CRUSHERS
43	5	CHAIN 1/2"		0244				2021	
44		RELEASE	502290 5029	0248	PINOUT 02:48			2021	
45	5	CHAIN 1/2"		0250	STEAMING TO LOCATION				
46	20	NYSTRON 1"		0310					
47	5	CHAIN 1/2"							
48		ANCHOR		0316					
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									

Date/Time	Comments
0307	14° 44.466 N 50° 55.756 W (COMPUTER LAB POSITION)
	5009.9 M DEPTH