

# Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 10 MOORED STATION NO. 1217

## Launch (anchor over)

Date (day-mon-yr) 19-12-2010 Time 0158 UTC  
Deployed by LORD Recorder/Observer GALBRAITH  
Ship and Cruise No. RH BROWN RB-10-09 Intended Duration 365 DAYS  
Depth Recorder Reading 4995.9 m Correction Source MATHEWS TABLES  
Depth Correction 38 m  
Corrected Water Depth 5034 m Magnetic Variation (E/W) 17° 18'  
Anchor Drop Lat. (N/S) 14° 45.104 Lon. (E/W) 50° 56.811  
Surveyed Pos. Lat. (N/S) 14 45.012 N Lon. (E/W) 50° 57.014  
Watch Circle 4.25 nm  
Argos Platform ID No. \_\_\_\_\_ Additional Argos Info on pages 2 and 3

Acoustic Release Model EDGE TECH 8242 Tested to 3800 m

Release No. 1 (sn) <u>33408</u>	Release No. 2 (sn) <u>30555</u>
Interrogate Freq. <u>11 K</u>	Interrogate Freq. <u>11 K</u>
Reply Freq. <u>12</u>	Reply Freq. <u>12 K</u>
Enable <u>361035</u>	Enable <u>121062</u>
Disable <u>361050</u>	Disable <u>121113</u>
Release <u>346 341</u>	Release <u>134 224</u>

## Recovery (release fired)

Date (day-mon-yr) 28-11-2011 Time 1045 UTC  
Latitude (N/S) 14° 45.228 N Longitude (E/W) 50° 57.3 W  
Recovered by LORD Recorder/Observer \_\_\_\_\_  
Ship and Cruise No. RB-11-03 Actual duration \_\_\_\_\_ days

Distance from waterline to buoy deck 80 cm

NOTE RB ECHOSOUNDER VALUES ARE CORRECTED FOR TRANSDUCER DEPTH

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## Surface Components

MODULAR FOAM BUOY

Buoy Type MF2 Color(s) Hull/Tower YELLOW UPPER HULL + DECK, WHITE BELOW  
WHITE TOWERBuoy Markings "IF POUND ADRIFT." ON DECK HATCH  
508 457 1401 ON VANE

## Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET LGR 12	12	23	
HRH	211	237.5	
BPR	224	235	
WNO	225	267.5	
PRC	216	233.5	
LWR	209	278	
SWR	226	278	
SST-SBE37	1836	-150	
PTT	SU 18112		SEIMAC WILDCAT, IDS 20741, 20892, 20898
IRIDIUM-MET 3	IMEI 30022410509510		
SBC 39 (AT)	716	213	STAND ALONE
ASIMET LGR	16		
HRH	213	237	
BPR	203	235.5	
WNO	206	268	
PRC	503	234	
LWR	219	278	
SWR	224	278	
SST-SBE37	3604	-150	
PTT	18128		WILDCAT, IDS 20956, 20957, 20959
SUBSURF. IRID	IMEI 43720		300 2240 100 43720
XEOS	7760		
WAMDA	4003	IMEI 115920	
VAISALA WXT	2	258	
LASCAR	336	231	

\*Height above buoy deck in centimeters



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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BUOY			2059	1604	BP AFEI POINTS BENT ON RIGOUT 1558
2	6	COMPLIANT SECTION				1614	COPPER SHIELDS ON SPTS BENT GOING UP 2047
3		SBE 39	5	539			
4		NORTEK ADCM	6	432	2044	1614	
5		ACOUSTIC MODEM					
6	78	7/16" WIRE		10059-2			
7		SBE 39 Im	10	4465			
8		NORTEK CM-1M	13 +2	5973	2044		13 MOVED TO 14 m, PREDEPLOYMENT
9		SBE 39	15	545	2045		
10		SBE 39	20	546	2046		
11		SBE 37 Im	25	670	2100		
12		SBE 39	30	631	2100		
13		SBE 39	40	677	2100		ONE CLAMP SUD ~ 1.2 m,
14		SBE 37 IM	45	686			
15		SBE 39	50	678			
16		SBE 39	60	680		1537	
17		SBE 37 I	65	669		1535	LAST O.V. DECK
18		SBE 39	70	681	2106	1535	
19	L	SBE 39 IM	80	4466	2110	1532	NO MARK ON WIRE @ 80
20		ADCP	85	2125	215	1526	300 KHZ, UPWARD, W/MODEM
21	500	3/8" WIRE		10059-3		1526	
22		SBE 39	90	684	2110	1524 45	ALL O.V. MARK
23		SBE 39	100	750	2117	1524	"
24		SBE 39	110	3480	2119	1523	"
25		ODDI	110	3167	2119	1523	STAR MON "

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		ODDI	120	3168	2119	1522	
27		ODDI	130	3169	2120	1521	
28		ODDI	140	3170	2120	1521	ON THE MARK
29		ODDI	150	3171	2121	1519	"
30		ODDI	160	3791	2121	1519	"
31	500	3/8" WIRE				1448- 1502	SHOT # 10059-5
32	500	3/8" WIRE				1433-	SHOT # 8217-2
33	200	3/8" WIRE			2200-	1426-	SHOT 7212-5
34	100	3/8" WIRE			2208-	1423-	SHOT 8217-4
35	200	7/8" NYLON			2212-	1411-	WRAPPED TERMINATION IS IN GOOD CONDITION
36	500	7/8" NYLON			2220-	1400-1410	
37	2000	3/4" NYLON			2236	1317-1400	
38	100	7/8" NYLON			2310-	1314-	
39	1500	1" COLMEGA			2312-	1314	
40	5	1/2" CHAIN					
41		BALLS RELEASES			0005- 0024	1213- 1228	52 BALLS 11/28 <sup>2</sup> SCRAMBLED HOOKED ON @ 1210, SMALL BOAT
42	5	1/2" CHAIN RELEASES			145	1245	
43	5	1/2" CHAIN					
44	20	1" NYLON			150		
45	5	CHAIN			152		
46		ANCHOR			158		200/12/10 1445.104°N 50°56.811W
47							4995.9 m
48							
49							
50							