

# Moored Station Log

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(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 9 MOORED STATION NO. 1208

## Launch (anchor over)

Date 29 - 06 - 2009 Time 17:37 UTC  
day-mon-year

Latitude 14° 49.493500' (N or S) Longitude 51° 00.70267' E or (W)  
deg-min deg-min

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

Deployed by: LORD Recorder/Observer: GALBRAITH

Ship and Cruise No. R.H. BROWN RB-09-03 Intended duration: 365 days

Depth Recorder Reading 4952 m Correction Source: \_\_\_\_\_

Depth Correction +38 m Mathews Tables

Corrected Water Depth 4990 m Magnetic Variation: \_\_\_\_\_ E or W

Anchor Position: Lat. 14° 49.540' N or S Long. 51° 00.871' E or W

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

## Acoustic Release Information

Release No. 30848 + 31334 Tested to 3500 meters  
31268 30846

Receiver No. \_\_\_\_\_ Release Command 444130 15/376  
ENABLE 460234 166561 (CHA) DISABLE 460251 (A+B) 166603 (A)  
Interrogate Freq. 11K (CHA) Reply Freq. 12K

## Recovery (release fired)

Date 11 - 12 - 2010 Time 9:17:50 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. R. BROWN RB-10-09 Actual duration: \_\_\_\_\_ days

Distance from actual waterline to buoy deck 75 meters

**Surface Components**

Buoy Type MODULAR FOAM Color(s) Hull <sup>WHITE BELOW,</sup> YELLOW DECK Tower WHITE

Buoy Markings 1P FOUND A FLOAT CONTACT WOODS HOLE OCEANOGRAPHIC

508 548 1401

**Surface Instrumentation**

Item	ID	Height *	Comments
LOGGER 3			ASIMET
HRH	236	233	
BPR	503	237	
WWD	216	266.5	
PRC	204	233	
LWR	214	278.5	
SWR	222	278.5	
SST	3605	-150	SBE 37 WITH COPPER MESH
PTT	12785 SN		SEIMAC WILDCAT-ARGOS
IRIDIUM	48660		
LOGGER 6			
HRH	503	233	
BPR	504	237.5	
WWD	215	267	
PRC	213	233	
LWR	207	278.5	
SWR	506	278.5	
SST	3603	-150.	SBE 37 WITH COPPER MESH
PTT	SN 14623		SEIMAC WILDCAT
XEOS GPS	615100		
SS IRIDIUM	237100		ACOUSTIC + INDUCTIVE

\* Height above buoy deck

Sub-Surface Instrumentation on Buoy and Bridle

Item	ID	Depth†	Comments
SIS PTT	24337		SUBSURFACE ARGOS SU 102
SIM	SU 432		SEABIRD INDUCTIVE MODSM
ATM 885	46920		
ATM 887	46938		

† Depth below buoy deck

Sub-Surface Components

	Type	Size(s)	Manufacturer
Chain			
Wire Rope			
Synthetics	MYLON COLMEGA		
Hardware			

Flotation	Type (G.B.s, Spheres, etc)	Size	Quantity	Color
	YELLOW GBS		52	

No. of Flotation Clusters 1  
 Anchor Dry Weight 7000 DRY lbs 6000 WATER

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
1	Buoy	BUOY		1212				1424	
2	6	COMPLIANT SECTION						1440	
3	8	SBE 39	266				5	1440	
4		NORTEK ADCM	1226				6	1440	
5		ACOUSTIC MODOC			ON FLANGE				
6	78	7/16 WIRE						1440 -	
7		SBE 39I	4462				10	1441	-
8		SONTEK IM	D193	1204	CORROSION METAL HEADS DOWN		12.5	1441	
9		SBE 39	635	"			15	1441	✓
10		SBE 39	743				20	1442	NOISE
11		SBE 37I	671		WITH COPPER MESH		25	1442	
12		SBE 39	744				30	1442	✓
13		SBE 39	745	1213			40	1442	✓
14		SBE 37I	683	1213			45	1442	✓
15		SBE 39	746				50	1442	-
16		SBE 39	747	1214			60	1402	
17		SBE 37I	685	1214			65	1401	
18		SBE 39	749	1221			70	1401	
19		SBE 39I	4463	1227			80	1400	MISSED SLIPPER 25 CM UP HEADS VERY CLEAN
20		ADCP-AC	2601	1227	UPWARD LOOKING		85	1354	
Date/Time		Comments							
6/29/2009 1200		WAVE SENS@ 15+20m OVER SIDE, IN							
6/29 1224		TOP W/ ACOUSTIC MODOC AT 85m							
2010-12-11 1404		AFTER 60 M INSTRUMENT, CUT WIRE + LET BUOY GO							
1420		HOLDING ON TO TOWER SW							
1856		SBE 37 3605 NO POISON PLUG! NOTICED DURING CLEANING							

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
21	500	3/8" WIRE			8217-1			1	
22		SBE 39	751	1231	NO MARK		90	1353	DEPTH CONFIRMED
23		SBE 39	752	1232			100	1352	
24		SBE 39	3479	1235			110	1351	
25		STARODDI	272	"			110	1351	
26		STARODDI	273	1235			120	1350	
27		TR1060	14811				120	1350	
28		STARODDI	287	1239			130	1349	
29		STARODDI	288	1240			140	1345	
30		STAR ODDI	492	1241			150	1344	
31		STARODDI	493	1244	NO MARK		160	1322-	160m*
32	500	3/8 WIRE		1256-	8217-6			1318-	
33	500	3/8 WIRE		13:12-	7212-7			1303-	
34	200	3/8 WIRE		1325 -	8217-3			1256 -	
35	100	3/8 WIRE		13:30 -	61448			1253 -	
36	200	7/8 NYLON		1333 -				1240 -	
37	500	7/8 NYLON		1357 -				1231	1231
38	2000	3/4 NYLON						1151 -	
39	100	7/8 NYLON		1457 -				1149 -	
40	1500	1" COLMEGA		1501 -				1050 - 1149	
Date/Time		Comments							
1347 2009/6/29		SHOT AT 37 TAKEN OFF CAPSTAN + NOT ON H BIT							
1031 2010/12/10		SMALL BOAT IN WATER							
1000 2010/12/10		3 BALLS BROKEN measured dist							

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
41	5	<del>1/2" TRAWL CHAIN</del>							
42		52 GLASS BALLS		1619				1050 -	2010/12/18 1046 HOOKED IN
43	5	1/2" TRAWL CHAIN							
44		RELEASES		1648				1050	
45	5	1/2" TRAWL CHAIN		1648					
46	20	NYLON		1650					
47	5	1/2" TRAWL CHAIN							
48		ANCHOR		1737	600 LB WET				
49									
50									
51									
52									
53									
54									
55									
56									
57									
58									
59									
60									
Date/Time		Comments							
6/29		### ## 111 STRINGS 4 BALLS EACH							
6/29 1625		RELEASES <sup>160234</sup> ENABLED FOR MONITORING ANCHOR DROP							
1721		PASSING TARGET ANCHOR POS 4952 m UNCORR DEPTH							
		51° 00' 59.19 W 14° 49' 29.59 N							
1737		4955 m UNCORR DEPTH 51° 00' 42.16 W 14° 49' 29.61 N							
		ABOVE DEPTHS TAKEN WITH SVEL 1500 USING SEADREAM							