

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. STRATUS 10 MOORED STATION NO. 1210

Launch (anchor over)

Date (day-mon-yr) 17-01-2010 Time 1823 UTC

Deployed by LORD Recorder/Observer GALBRAITH

Ship and Cruise No. RON BROWN 10-01 Intended Duration 13 MONTHS

Depth Recorder Reading 4451 ^{PDR SCABEAM} 4454.9 m Correction Source MATHEW STABLE

Depth Correction +5 m

Corrected Water Depth 4456 ^{PDR} 4460 m Magnetic Variation (E/W) 1.2

Anchor Drop Lat. (N/S) 19 36.92 Lon. (E/W) 85 23.05

Surveyed Pos. Lat. (N/S) 19 36.8088 S Lon. (E/W) 85 23.1242

Argos Platform ID No. ON PAGE 3 Additional Argos Info on pages 2 and 3

Acoustic Release Model 8242XS BACS Tested to 1500m m

Release No. 1 (sn) 30288 Release No. 2 (sn) 30841

Interrogate Freq. 11 Interrogate Freq. 11

Reply Freq. 12 Reply Freq. 12

Enable 256454 Enable 166312

Disable 256477 Disable 16633

Release 253013 Release 151241

Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC

Latitude (N/S) _____ Longitude (E/W) _____

Recovered by _____ Recorder/Observer _____

Ship and Cruise No. _____ Actual duration _____ days

Distance from waterline to buoy deck _____

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SURLYN FOAM		Surface Components	
Buoy Type <u>2.7m</u> Color(s) Hull Tower <u>YELLOW BLUE HULL, WHITE TOWER</u>			
Buoy Markings <u>IF FOUND ADRIFT CONTACT WOODS HOLE OCEANOGRAPHIC WOODS HOLE MA 02543 508 457 1401</u>			
Surface Instrumentation			
Item	ID #	Height*	Comments
HRH	239	228	ON ASIMET LOGGER 1 / WATER INSIDE SMASHED RECOVERY
BPR	502	237	
SWND	210	298	Completely Flooded - No good
PRC	218	247	
LWR	502	279	
SWR	210	279	
HRH	223	226	ON ASIMET LOGGER SN 2
BPR	210	237	
WND	348	270	Water Inside
PRC	219	247	
LWR	221	279	
SWR	218	279	
LASCAR	238	231	
LASCAR	310	198	
HRH	240	228	STAND ALONE * Water inside
BPR	506	237	"
WND	343	270	" * Water Inside - Fine
PRC	205	247	"
LWR	508	279	"
SWR	504	279	"
WAMDAS	4002		NDBC WAVE PACKAGE
PCO2			PMEL
SBE 37	1725	-148	LOGGER 1
SBE 37	1839	-148	LOGGER 2
DECK HEIGHT <u>65 cm</u> *Height above buoy deck in centimeters <u>2012/01/18 OAS</u>			

Subsurface Instrumentation on Buoy and Bridle

Item	ID #	Depth [†]	Comments
SBE 39	1446	FLOAT	FLOATING SST
TR1050	10983	.94	AT BOTTOM OF SST FRAME
TR1060	14881	.66	IN HOLE IN BUOY HULL AT 90°*
TR1060	14876	.83	" Smashed on recovery
TR1060	14877	.9	" Smashed on recovery!
TR1060			
SBE 37	1725		ASIMET LOGGER 1
SBE 37	1839		ASIMET LOGGER SN 2
		IDS	
ARGOS PTT	99538	14664, 14652, 14653	ON ASIMET LOGGER SN 1
ARGOS PTT	14709	9805, 9807, 9811	ON ASIMET LOGGER SN 2
WANDAS Modem	24277	300124000010620	
SIS	SN 22	11427	SUPERSURFACE ARGOS
		2010/10/18	.66 TR1060 IS OUT OF WATER ~ 50% OF TIME
			.83 SEEMS TO BE RIGHT AT SURFACE

[†]Depth below buoy deck in centimeters

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		BUOY			1316		
2	.22	3/4" CHAIN					HRH TOOK HIT ON BOTTOM DURING LAUNCH CRANES HOOR ASSEMBLY
3		SBE 37	2	1304	1316		See notes P 8
4		KR 420	2	10515	1316		
5	.37	3/4" CHAIN					
6		SBE 37	3.7	3639	1308		
7	1.95	3/4" CHAIN					
8		SBE 37	7	1899	1302		
9	1.95	3/4 CHAIN					
10		NORTEK ADCP	10	333	1302		HEADS UP
11	3.66	3/4 CHAIN					
12		NORTEK ADCM	15	1666	1300		
13		SBE 37	16	1900	1300		
14	2.55	3/4 CHAIN					
15		NORTEK ADCM	20	1688	1258		
16	3.66	3/4 CHAIN					
17		SBE 39	25	203	1256		
18	3.66	3/4 CHAIN					
19		SBE 37	30	1901	1254		
20	1.05	3/4 MC					
21		NORTEK ADCP	32.5	357	1252		
22	1.2	3/4 MC					
23		SBE 39	35	721	1252		
24	3.66	3/4 MC					
25		SBE 37	40	1902	1250		

HRH
10/10/02

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	3.66	3/4 MC					
27		NORTEK ADCM	45	2064	1248		HEADS UP
28	8.25	7/16 WIRE 3/4 MC					7-22-10 ↑
29		NORTEK ADCM	55	2082	1333		RECOVERED 7-22-10
30	6.1	7/16 WIRE					
31		SBE 37	62.5	1903	1338		
32	21.1	7/16 WIRE					
33		SBE 39	70	1502	1340		
34		SBE 39	77.5	3423	1342		
35		SBE 37	85	1905	1346		
36	13.3	7/16 WIRE					
37		SBE 39	92.5	3434	1347		
38		VMCM	100	3	1353		BANDS OFF ~1351
39	27.8	7/16 WIRE					
40		SBE 39	115	3435	1354		
41		SBE 37	130	1907	1357		
42	3.66	3/4 CHAIN					
43		RDI ADCP	135	12254	1400		
44	8	7/16 WIRE					
45		VMCM	145	14	1403		BANDS OFF 1400
46	12.8	7/16 WIRE					
47		SBE 37	160	1912	1406		
48	21.3	7/16 WIRE					
49		SBE 39	175	3437	1408		
50		VMCM	183	29	1410		BANDS OFF 1410

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	4.8	7 16 WIRE					
52		SBE 37	190	2009 1910	1413		
53	28.5	7 16 WIRE					
54		SBE 37	220	2011	1417		
55	13	7 16 WIRE					
56		VMCM	235	34	1421		OFF BANDS N1420
57	13	7 16 WIRE					
58		SBE 37	250	1910P 1019P	1423		
59	28.5	7 16 WIRE					
60		VMCM	280	37	1427		BANDS OFF N1425
61	13	7 16 WIRE					
62		SBE 37	295	310	1430		
63	8	7 16 WIRE		TERMIN ATED			
64	6.1	7 16 WIRE					
65		VMCM	311	40	1433		BANDS OFF 1432
66	500	3 8 WIRE					
67		SBE 39	361	3438	1435		
68		SBE 39	411	3439	1438		BANDS OFF 1449
69		VMCM	814	53	1450		
70	500	3 8 WIRE			1450-		
71	200	3 8 WIRE			1506-		
72		VMCM	1517	76	1519	H	1516 BANDS OFF
73	300	3 8 WIRE			1519-		
74	100	3 8 WIRE		ONE PIECE WRAPPED TERM.	1528-		
75	200	7 8 NYLON			1539-		

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76	1750	7 8 NYLON			1556-		RESTARTED (007) 1604
77	1500	1 COLMEGA			- 1715		
78		84 GLASS BALLS ON $\frac{1}{2}$ " CHAIN			-1745		
79	5	$\frac{1}{2}$ CHAIN					
80		RELEASES ON 1M CHAIN			1810		30841 30288
81	5	$\frac{1}{2}$ CHAIN					
82	20	MYSTRON			-1817		
83	5	$\frac{1}{2}$ CHAIN					
84	44	ANCHOR	4438		1823		
85							NOTES ON RELEASES
86							30841
87							C 01516633
88							REL151241
89							
90							30288 (TIME 256454
91							DLS. 256477
92							REL. 253013
93							
94							HTT HTT HTT HTT
95							
96							add 5 ↓ depth on PDR
97							
98							
99							
100							

ARRAY NAME AND NO. S10

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Date/Time	Comments
7-7-10	
7-7-10	
7-7-10 / 1100 UTC	S10 Mooring Failed Drifting NW
7-21-10 / 2200 UTC	Buoy Flipped over in 4M waves
7-22-10 / 2000 UTC	Buoy and 45 M of instruments recovered by B.I.C. Humboldt of PERU, Lordt B. Pietro.
	Recovery Pos at recovery S 17.927 W 88.265
	Main Power OFF 2155 UTC
	Stand Alone Power OFF 2210