

Moored Station Log

PAGE 1

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-2 MOORED STATION NO. 1160

Launch (anchor over)

Date 28-07-2005 Time 01:43 UTC
day-mon-year

Latitude 22° 46.03 (N) or S Longitude 157° 53.766 E or (W)
deg-min deg-min

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

Deployed by: J. Lord Recorder/Observer: Plueddemann

Ship and Cruise No. Melville TUIM 10 MV Intended duration: 365 days

Depth Recorder Reading 4695 m Correction Source: XBT

Depth Correction already corrected m

Corrected Water Depth 4695 m Magnetic Variation: _____ E or W

Anchor Position: Lat. 22° 45.997 (N) or S Long. 157° 53.9054 E or W

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

Acoustic Release Information

Release No. #1 32480 Tested to 1500 meters

Enable #2 30555 #1 132111

Receiver No. #1 114556 Release Command #2 134224

Comm. #2 121062

Interrogate Freq. 11 kHz Reply Freq. 12 kHz

Recovery (release fired)

Date 24-06-2006 Time 18:30:01 UTC
day-mon-year

Latitude 22° 47.022 (N) or S Longitude 157° 54.218 E or (W)
deg-min deg-min

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

Recovered by: R. WELLS, J. Lord, J. Long Recorder/Observer: D. GRIFFITHS

Ship and Cruise No. RV Revelle, AMAT 07 Actual duration: 334 days

Distance from actual waterline to buoy deck 75 cm meters

Surface Components

Buoy Type Gilman Foam Color(s) Hull yellow/white Tower white
 Buoy Markings "B" Contact info: O, Hawaii 808 956-7896

Surface Instrumentation			
Item	ID	Height *	Comments
ASIMET Lgr	L-21	-	
HRH	220	248 cm	above deck
BPR	219	246.5	"
WND	205	268.5	"
PRC	503	234.0	"
LWR	212	280.5	"
SWR	221	282.0	"
SST	1836	-151.5	(below deck)
PTT	18231	-	IDs: 14663, 14677, 14697
ASIMET Lgr	L-19	-	
HRH	219	248.0 cm	above deck
BPR	212	244.0	"
WND	207	267.5	"
PRC	212	234.0	"
LWR	505	280.0	"
SWR	503	281.0	"
SST	3604	-151.5	below deck
PTT	14637	-	IDs: 075 07563, 07581 07582
GPS	73930	219.7	stand-alone
SS-Argos	3	-	ID=9209
Floating SST	1446	-	SBE-39 on float attached to side of hull.
Light.			

* Height above buoy deck

visual inspec. indicates
 Wt at 75 cm below deck

WHOTS-2

MOORED STATION NUMBER

1160

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
1		Buoy Hull		1850				18:58	
2	7.75	3/4 chain					10m		fishing line
3		N6VM	066	1834	bands off 1832		10m	1956	
4	2.82	3/4 chain					15m		
5		SBE-37	3382	1831			15m	1956	
6	8.68	3/4 chain							
7		SBE-37	3621	1827			25m	2002	
8	3.28	3/4 chain							
9		N6VM	068	1823	bands off 1822		30m	2003	
10	2.82	3/4 chain							
11		SBE-37	3620	1820			35m	2005	
12	3.66	3/4 chain							
13		SBE-37	3632	1818			40m	2010	
14	3.66	3/4 chain							
15		SBE-37	2965	1816			45m	2014	
16	3.66	3/4 chain							
17		SBE-37	3633	1813			50m	2017	
18	3.66	3/4 chain							
19		SBE-37	3619	1913			55m	2019	
20	8.70	7/16 wire	5020-4						

Date/Time	Comments
1838 7/27	bird wires on both PRC's, domes cleaned, wind "collars" on
1850	floating SST appears stuck in its lower pos'n at launch
6/24/0c	floating SST sliding well; buoy first recover; radometers clear

Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
21		SBE-37	3791	1917			65m	2026	
22	8.70m	7/16 wire	5030-2						
23		SBE-37	3618	1921			75m	2031	
24	8.70	7/16 wire	4014-21						
25		SBE-37P	3670	1924			85m	2035	clean
26	8.70	7/16 wire	5030-6						
27		SBE-37	3617	1926			95m	2040	very clean
28	8.70	7/16 wire	5030-5						
29		SBE-37P	3669	1929			105m	2043	fouled - covered w/ slime heavy
30	13.6	7/16 wire	5030-8						
31		SBE-37	2451	1934			120m	2050	fouled - covered w/ slime moderate
32	3.66	3/4 chain							
33		ADCP	4891	1937			125m	2056	Slime - moderate
34	8.70	7/16 wire	5030-1						
35		SBE-37	3634	1942			135m	2059	clean
36	18.75	7/16 wire	4041-29						
37		SBE-37P	3668	1946			155m	2104	very clean
38	250	3/8 wire*		1946				2104	start next to instrument
39	500	3/8 wire		1953	5030-12			2115	
40	500	3/8 wire		2007	4042-5			2144 2127	long line gear
Date/Time		Comments							
1946 27 Jul		* 50m (4041-14) + 200m (4042-4)							
6/24/06		radiometer bird wires straight - OK powder coat on hatch reeled off							

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Item No.	Lgth [m]	Item	Inst No.	Time Over	Notes	Data No.	Calc Dpth	Time Back	Notes
41	500	3/8 wire		2021	5030-11 ² 5002-11 ²			2223	5002-11 start
42	100	3/8 wire	one	2040	4042-6			2249	
43	200	7/8 nylon	piece spliced	2045				2253	
44	500	7/8 nylon	*					2258	
45	1500	7/8 nylon						2343	
46	100	1" nylon	one piece	2059				0020	
47	1500	1 1/2 poly	spliced	end 2300				0042	
48	5	1/2" chain		start					
49		80 glass		2312				start 0153	
50		balls on 1/2 chain		end 2349				on deck 0203	
51	5	1/2" chain		†					
52		release	32480					0214	
53		release	30555					0214	
54	5	1/2 chain							
55	20	1" samson							
56	5	1/2 chain							
57		anchor		0143					
58									
59									
60									

Date/Time	Comments
* 7/27 2053	transferring from winch to H-Bit to pay out nylon
† 7/27 0015	under tow on 5 m chain above release
6/24 2210	Winch power lost, slight freewheel stopped
2236	winch power lost, slight freewheel, stopped started 2247
2300-2320	transfer to capstan