

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHAOTS 4 MOORED STATION NO. 1192

Launch (anchor over)

Date (day-mon-yr) 25 Jun 2007 Time 23:48:30 UTC
Latitude (N/S, deg-min) 20° 40.221 N Longitude (E/W, deg-min) 157 56.838 W
Deployed by Lord/Whelan Recorder/Observer Plueddemann
Ship and Cruise No. KM 07-08 Intended Duration 365 d.
Depth Recorder Reading 4756 m Correction Source XBT for sound speed
plus transducer offset
from EM 120 multibeam
Depth Correction already corrected m
Corrected Water Depth 4756 m Magnetic Variation (E/W) _____
Argos Platform ID No. see pg 2 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) 22° 40.208 N Long. (E/W) 157° 57.001 W

Acoustic Release Model DRE/Edgetech 8242XS (tandem)

Release No. 32479 / 32482 Tested to 2000 m
Receiver No. N/A Release Command 132060 / 132157
Enable 114510 / 114651 Disable 114533 / 114672
Interrogate Freq. 11 KHz Reply Freq. 12 KHz

Recovery (release fired)

Date (day-mon-yr) 6 June 2008 Time 17:20:15 UTC
Latitude (N/S, deg-min) 22° 46.436' N Longitude (E/W, deg-min) 157° 57.065' W
Recovered by Ryder/Whelan/Weller Recorder/Observer Lukas
Ship and Cruise No. KM 08-08 Actual duration _____ days
Distance from actual waterline to buoy deck 70 cm

Surface Components

Buoy Type Foam hull MOB Color(s) Hull yellow/white Tower white

Buoy Markings 'B' V. Hawaii 808-956-7896

Surface Instrumentation

Item	ID #	Height* (cm)	Comments
ASIMET	L47		
HRH	218	228	
BPR	503	242	
WND	221	314	
PRC	209	249	
LWR	209	283 284	
SWR	221	284 285	
SST	1839	-150	
PTT	14637	—	ID's 7563, 7581, 7582
ASIMET	L19		
HRH	219	229	
BPR	504	242	
WND	212	318 319	
PRC	211	249	
LWR	219	283	
SWR	210	284	
SST	1837	-150	
PTT	18136	—	ID's 14633, 14677, 14697
SIS Arqs	268		ID 25702
Fleater SSTs			
L SBE-39	716		
L RBR 1050	12710		
GPS	67700		power cycled by L19
pCO ₂	Sys # 0021		systems check by PMEL prior to deployment

*Height above buoy deck in centimeters

Buoy WL =
70cm below
deck

Moored Station Number WHOTS-4 1192

VTC

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1	7.75	chain ✓	3/4		see pg 8 for buoy			0108	buoy released at 1753 VTC
2		VNEM ✓	034	1712	bands off	012430 rotor spin	10	0108	buoy WOLYON DECK AT 00510
3	2.82	chain ✓	3/4					0113	some sensors on tower by under spin
4		MCAT ✓	3382 ✓	1710	SBE-37		15	0113	wind vane knocked off by a line
5	8.68	chain ✓	3/4					0118	
6		MCAT ✓	3621 ✓	1704	SBE-37		25	0118	
7	3.28	chain ✓	3/4					0121	
8		VNEM ✓	040	1704	bands off	0136 rotor spin	30	0121	
9	2.82	chain ✓	3/4					0124	
10		MCAT ✓	3620	1701	SBE-37		35	0124	
11	3.66	chain ✓	3/4					0126	
12		MCAT ✓	3632 ✓	1659	SBE-37		ND	0126	
13	3.66	chain ✓	3/4					0128	
14		MCAT ✓	2965 ✓	1656	SBE-37		45	0128	
15	2.13	chain ✓	3/4					0128	
16		ADCP ✓	1825 ✓	1654	WHOT 600 kHz		48.5	0022	geese on heads
17		MCAT ✓	3633 ✓	1654	SBE-37		50	0022	
18	3.66	chain ✓	3/4	6/25/04				0022	
19		MCAT ✓	3619 ✓	1817	SBE-37		55	0018	
20	8.7	wire ✓	7045-7	1817				0018	
21		MCAT ✓	3791 ✓	1820	SBE-37		65	0015	
22	8.7	wire ✓	7045-8	1820				0015	

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		MCAT ✓	3618 ✓	1822	SBE-37		75	0010	
24	8.7	wire ✓	7045-6	1822				0010	
25		MCAT ✓	3670 ✓	1825	SBE-37 w/press		85	0000	
26	8.7	wire ✓	7045-3	1825				0000	
27		MCAT ✓	3617 ✓	1827	SBE-37		95	0003	
28	8.7	wire ✓	7045-4	1827				0003	
29		MCAT ✓	3669 ✓	1830	SBE-37 w/press		105	2359	
30	13.6	wire ✓	7045-2	1830				2359	
31		MCAT ✓	2451 ✓	1833	SBE-37 w/press		120	2355	
32	3.66	chain ✓	3/4	1835				2355	
33		AACP ✓	4891 ✓	1835	UH 300 kHz no grease on heads		125	2350	
34	8.7	wire ✓	7045-5	1835				2350	
35		MCAT ✓	3631 ✓	1838	SBE-37		135.5	2346	
36	18.75	wire ✓	7045-1	1838				2346	
37		MCAT ✓	3668 ✓	1841	SBE-37 w/press		155.6	2340	
38	250	wire ✓	5234-9	1841				2340	
39	500	wire ✓	7045-10	1851				2331	
40	500	wire ✓	5234-10	1909				2316	
41	500	wire ✓	7045-9	1922				2302	jacket damaged repaired at sea
42	100	wire ✓	5227-13	1950				2246	} spliced + wrapped
43	200	nylon	7/8"	1956				2241	
44	2000	nylon	7/8"	2009				2224	
45	100	nylon	1"	2052					

Moored Station Number WHOTS-4 1192

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
46	1500	poly	1 1/8"	2055				2049	
47		glass balls		2150	4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60, 64, 68, 72, 76, 80				1930 balls in baskets
48	5	chain	1/2	2338					
49		release	32479 ✓	2338				1848	
50		release	32482 ✓	2338				1848	
51	5	chain	1/2	2339					balls on deck 1840
52	20	Nystron	1"	2340	change from drawing				balls on surface
53	8	chain	1/2	2348	due to extra distance to anchor				18:07 UTC
54		anchor		2348					
55									
56									
57									
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									