

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-8 MOORED STATION NO. 1244

Launch (anchor over)

Date (day-mon-yr) 7-Jul-2011 Time 0108 UTC
Latitude (N/S, deg-min) 22° 40.057 Longitude (E/W, deg-min) 157° 56.832
Deployed by Lord/Pietro Recorder/Observer Plueddemann
Ship and Cruise No. Hiialakai HA-11-02 Intended Duration 12 mo
Depth Recorder Reading 4734 m Correction Source +5m hull drier depth, +0.23% sound spd corr. = 11m
Depth Correction 16 m
Corrected Water Depth 4750 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° 40.1572 N Long. (E/W) 157° 57.0225 W

Acoustic Release Model EGG 8242 (dual)

Release No. ^{SN} ~~127476/131266~~ Tested to 1000 m
35319/35469
Receiver No. _____ Release Command 127476/131266
Enable 111446/114442 Disable 111465/114461
Interrogate Freq. 11kHz Reply Freq. 12kHz

Recovery (release fired)

Date (day-mon-yr) 16-06-2012 Time 17:47 UTC
Latitude (N/S, deg-min) 22° 40.267 N Longitude (E/W, deg-min) 157° 57.369 W
Recovered by Ryder/Pietro Recorder/Observer Plueddemann
Ship and Cruise No. HA-12-02 Actual duration _____ days
Distance from actual waterline to buoy deck 75 cm

Surface Components

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

Buoy Markings 'B' If sound adrift contact U Hawaii
808-956-7896

Surface Instrumentation

Item	ID #	Height* (cm)	Comments
ASIMET	L07	well 230	system 1 logger
HRH	246	230 238	
BPR	218	238 270	
WND	210	270	
PRC	215	245	
LWR	208	283	
SWR	213	283	
SST	1835	- 151	
PTT	14637	buoy well	ID's: 7563, 7581, 7582
ASIMET	L08	buoy well	system 2 logger
HRH	236	230	
BPR	207	238	
WND	219	270	
PRC	219	245	
LWR	502	283	
SWR	221	283	
SST	1727	- 151	
PTT	12790	buoy well	ID's: 6930, 7387, 14708
Xeos Sable			
Xeos GPS	1500	248 259	surface beacon (meb) IMEI 30003401261150
Vaisala WXT	003	259	
SBE-39 AT	1446	230	
Lascar	264	188	
pCO ₂	0102	83	
Radiometers	various	various	see pg 3 for description

*Height above buoy deck in centimeters

Subsurface Instrumentation on Buoy and Bridle

Item	ID #	Depth [†]	Comments
SST	20565	-80	RBR 1060, 120° CW from vane
SST	20566	-80	RBR 1060 180°
SST	20567	-95	RBR 1060 180°
SST	20568	-80	RBR 1060 240°
Xeos Sable		bottom of hull	subsurface GPS/Iridium beacon
CTD	6568	"	PMEL SBE-16 w/fluorid + O ₂
pH	P0031	"	PMEL SAMI-2
Fluorid.	3257	"	Laney's SCF chl fluorometer
	IMEI 300034012194230		
Radiometers on surface buoy tower			
TriOS	835A	178	ast (on wind vane)
TriOS	835B	176	starboard
TriOS	835C	176	port bow
TriOS	835D	176	port
TriOS	?	283	on radiometer stalk, uplooking

[†]Depth below buoy deck in centimeters

July 6
UTC

Moored Station Number

W HATS-8

1244

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		buoy	-	1855			0	0440	
2	7.75	3/4 chain	-					0440	
3		VMCM	016	1834	SN 008 under paint on press case		10	0453	bands off 1828 preps spinning on recovery
4	2.82	3/4 chain	-						
5		MCAT	6893	1829			15	0455	
6	3.6	3/4 chain	-						
7		MAVS	10260	1827			20	0459	sensor down
8	2.8	3/4 chain	-						
9		MCAT	6894	1824			25	0502	
10	3.28	3/4 chain	-						
11		VMCM	019	1821	one broken prop on each hub		30	0507	bands off 1817 preps spinning on recovery
12	2.82	3/4 chain	-						
13		MCAT	6895	1818			35	0508	
14	3.66	3/4 chain	-						
15		MCAT	6896	1815			40	0513	
16	3.66	3/4 chain	-						
17		MCAT	6887	1812	↑ time over 500-45 m + shallower is over transom on starboard, not in water		45	0519	w/pressure
18	1.07	3/4 chain	-		↑ last off the buoy at this point on recovery				
19		ADCP	1825	1917			47.5	0331	heads up, 600 kHz
20	0.5	3/4 chain	-					0331	
21		MCAT	6897	1922			50	0331	
22	3.66	3/4 chain	-					0331	

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		MCAT	6898	1922	re deployed 1927		55	0328	
24	8.7	7/16 wire	11061-10					0327	
25		MCAT	6899	1930			65	0324	
26	8.7	7/16 wire	11061-12					0324	
27		MCAT	3618	1936			75	0321	
28	8.7	7/16 wire	11061-11					0321	
29		MCAT	6888	1939			85	0317	w/pressure
30	8.7	7/16 wire	11061-9					0317	
31		MCAT	3617	1941			95	0314	
32	8.7	7/16 wire	11061-13					0314	
33		MCAT	6889	1944			105	0311	w/pressure
34	13.6	7/16 wire	10037-7					0310	
35		MCAT	6890	1947			120	0307	w/pressure
36	3.66	3/4 chain	-					0307	
37		ADCF	4891	1950			125	0304	heads up
38	8.7	7/16 wire	-					0303	
39		MCAT	3634	1953			135	0301	
40	18.75	7/16 wire	11061-6					0301	
41		MCAT	6891	1959			155	0256	w/pressure
42	250	3/8 wire	9014-12	1959				0241	
43	500	3/8 wire	11061-2	2008				0222	
44	500	3/8 wire	11061-3	2020				0200	
45	500	3/8 wire	9014-10	2033				0134	

6/17/2017

Item No.	Length (m)	Item	Inst. No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
46	100	3/8 wire	10037-16	2045	} one piece w/ wrapped termination		013	06/17/2012	broken
47	200	7/8 nylon	-	2050				0040	2126 stopped off to take off winch
48	2100	7/8 nylon	-	2105				2117	
49	1500	1" colmega	-	2144				2013	
50		glass balls		2243	80 balls on chain			1918	broken 123
51	5	1/2 chain	-						
52		release	35319	July 7	} dual releases on strongback			1934	
53		release	35469	0018					1934
54	5	1/2 chain	-	0020				6/16/12	
55	20	nystron	-	0024					
56	5	1/2 chain	-						
57		anchor	-	0108					
58									
59									
60									
61									
62									
63									
64									
65									
66									
67									