

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-10 MOORED STATION NO. 1264

Launch (anchor over)

Date (day-mon-yr) 11 Jul 2013 Time 04:26:53 UTC
Deployed by Pietro/Whelan Recorder/Observer Plueddemann
Ship and Cruise No. Hi'ialakai HA-13-03 Intended Duration 12 mo
Depth Recorder Reading 4737 m Correction Source water depth + 5m, climatol. HOT site sound spd = 1505 = 0.3% = 14m
Depth Correction 19 m
Corrected Water Depth 4756 m Magnetic Variation (E/W) _____
Anchor Drop Lat. (N/S) 22°40.115 N Lon. (E/W) 157° 56.830 W
Surveyed Pcs. Lat. (N/S) 22° 40.118 N Lon. (E/W) 157° 57.010 W
Argos Platform ID No. see pg 2 Additional Argos Info on pages 2 and 3

Acoustic Release Model BACS 8242 Tested to 1000/500 m
Release No. 1 (sn) 32481 Release No. 2 (sn) 32483
Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz
Reply Freq. 12 kHz Reply Freq. 12 kHz
Enable 114617 Enable 114703
Disable 114634 Disable 114720
Release 132132 Release 132174

Recovery (release fired)

Date (day-mon-yr) 20-07-2014 Time 1623 UTC
Latitude (N/S) 22°40.341 N Longitude (E/W) 157°56.977 W
Recovered by Pietro/Whelan Recorder/Observer Plueddemann
Ship and Cruise No. HA-14-03 Actual duration 375 days
Distance from waterline to buoy deck 65 cm

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Surface Components	
Buoy Type	<u>MOB</u> Color(s) Hull Tower <u>gray hull, white tower</u>
Buoy Markings	<u>'B'</u> Contact: <u>U. Hawaii 808-956-7896</u>

Surface Instrumentation

Item	ID #	Height*	Comments
Logger ASIMET	115	buoy well	sys 1
HRH	221	235	
BPR	218	237	
WND	206	266	
PRC	219	248	
LWR	212	279	
SWR	502	279	
SST	1834	-151	
PTT	14637	-	IDs 7563, 7581, 7582
Logger	108	buoy well	sys 2
HRH	246	235	radiation shield smashed on recovery
BPR	234	237	
WND	344	266	
PRC	210	248	
LWR	214	279	
SWR	218	279	
SST	1841	-151	
PTT	12790	-	IDs 6930, 7387, 14708
XeDs Melo	7580	243	IMEI 300034013707580
SBE-39 AT	1446	224	
Vaisala WXT	002	258	
Lascar	12104	200	
pCO ₂	0132		
radiom. (Laney)	(see pg 3)		

*Height above buoy deck in centimeters

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10 July

Item No.	Length (m)	Item	Depth	Inst No.	Time Over UTC	Time Back	Notes
1		buoy	0	-	1903	21 July 0504	
2	7.75	3/4 chain		-			
3		VMCM	10	016	1833	0512	bands off 1825
4	2.82	3/4 chain		-			
5		UCAT	15	6893	1833	0514	
6	3.6	3/4 chain		-			
7		MAVS	20	6894 10260	1827	0518	
8	2.8	3/4 chain		-			
9		UCAT	25	6894	1814	0521	3 dunks while dealing w/ MAVS
10	3.28	3/4 chain		-	(1822) (1826)		
11		VMCM	30	019	1808	0524	bands off 1806 ←
12	2.82	3/4 chain		-			broken blade on both upper + lower props
13		UCAT	35	6895	1807	0525	
14	3.66	3/4 chain		-			
15		UCAT	40	6896	1803	0528	
16	3.66	3/4 chain		-			
17		UCAT	45	6887	1758	0528	broke mooring here for recovery + cast off buoy
18	1.07	ADCP 3/4 chain		-			
19		ADCP	47.5	1825	1922	0322	600kHz
20	75.5	7/16 wire		13025-7		0322	
21		UCAT	50	6897	1922	0322	clamped to wire
22		UCAT	55	6898	1923	0321	"
23		UCAT	65	6899	1924	0320	"
24		UCAT	75	3618	1925	0319	"
25		UCAT	85	6888	1927	0318	"

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10 July 21 July

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		MCAT	95	3617	1927	0317	clamped to wire ←
27		MCAT	105	6889	1928	0316	" missing upper clamp recovered
28		MCAT	120	6890	1929	0315	"
29		ADCP	125	3169 4891	1934	0312	300 kHz
30	250	3/8 wire		11257-4	1927	0312	
31		MCAT	135	3634	1935	0311	
32		MCAT	155	6891	1936	0308	
33	500	3/8 wire		13025-3		0303	
34	500	3/8 wire		1127-1	2021	0251	shackle/link hooked on recovery
35	500	3/8 wire		13025-1	2044	0239	
36	100	3/8 wire		13025-5	2108	0226	Problem with air tagger broke
37	200	7/8 nylon		-	2112	0222	
38	2100	7/8 nylon		-	2134	0212	
39	1500	1" colmega		-	2240	21 July 0059	
40		glass balls		-	11 July 0002	20 July 2015	counted 9 strings of 8 = 72 10 broken on recovery
41		SBE-16	36m above	1882	0324	2053	no antisoul plugs on either instrument
42		SBE-16	bottom	2325	0324	2053	
43	5	1/2 chain		-			
44		Release		32481	0325	2054	
45		Release		32483	0325	2054	
46	5	1/2" chain		-			
47	20	1" nyston		-			
48	5	1/2 chain		-			
49		anchor		-	0426	-	930016 (air)
50							

End

