

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-9 MOORED STATION NO. 1248

Launch (anchor over)

Date (day-mon-yr) 14-06-2012 Time 0223 UTC

Deployed by Ryder/Pietro Recorder/Observer Plueddemann

Ship and Cruise No. Hilalakai HA-12-02 Intended Duration 12 mo

Depth Recorder Reading - m Correction Source -

Depth Correction - m

Corrected Water Depth 4668 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 22° 45.845 N Lon. (E/W) 157° 53.857 W

Surveyed Pos. Lat. (N/S) 22° 46.071 N Lon. (E/W) 157° 53.956 W

Argos Platform ID No. see pg 2 for IDs Additional Argos Info on pages 2 and 3

Acoustic Release Model GRE Tested to 1000 m

Release No. 1 (sn) 33408 Release No. 2 (sn) 35318

Interrogate Freq. 11k Interrogate Freq. 11k

Reply Freq. 12k Reply Freq. 12k

Enable 361035 Enable 111367

Disable 361050 Disable 111400

Release 346341 Release 127455

Recovery (release fired)

Date (day-mon-yr) 14-Jul-2013 Time 16:17 UTC

Latitude (N/S) 22 46.020 N Longitude (E/W) 157 54.245 W

Recovered by Pietro/Whelan Recorder/Observer Plueddemann

Ship and Cruise No. HA-13-03 Actual duration _____ days

Distance from waterline to buoy deck 70 cm

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Surface Components

Buoy Type MOB Color(s) Hull Tower gray hull, white tower, yellow deck

Buoy Markings 'B' Contact: U. Hawaii, 808-956-7896

Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET	L09	buoy well	system 1 logger
HRH	249	249 223	
BPR	502	235.5	
WND	216	258	
PRC	501	242.5	
LWR	205	249.5	
SWR	201	249.5	
SST	1306	-155	
PTT	63878	—	IDs 27356, 27364, 27413
ASIMET	L10	buoy well	system 2 logger
HRH	256	227.5	
BPR	224	235.5	
WND	222	260.0	
PRC	205	205 241	
LWR	218	249.5	
SWR	226	249.5	
SST	1419	-155	
PTT	63879	—	IDs 7561, 27415, 27416
Xeos GPS	—	—	IMEI 300034013701980
SBE-39 AT	5276	222	
Viasala WXT	001	261	to center of fingers
PCO ₂	22		
radiometers	various	various	see pg 3

*Height above buoy deck in centimeters

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		buoy	0		1930	7-15-2013 0313	port side HRH shield damaged on recovery
2	7.75	3/4" chain					no fishing line on pickup both props free
3		VMCM	10	011	1832	0327 bands off spin 1827	
4	2.82	3/4 chain					
5		UCAT	15	3382	1831	0330	CT
6	3.16	3/4 chain					
7		MAVS	20	10261	1826	0335	head down
8	2.8	3/4 chain					
9		UCAT	25	4663	1823	0337	CT
10	3.28	3/4 chain					no fishing line both props free
11		VMCM	30	061	1818	0340 spin bands off 1811	
12	2.82	3/4 chain					
13		UCAT	35	3633	1814	0343	CT
14	3.66	3/4 chain					
15		UCAT	40	3381	1808	0346	CT
16	3.66	3/4 chain					
17		UCAT	45	3668	6/13 1803	0347	CTP
18	1.07	3/4 chain					cast off at 0216
19		ADCP	47.5	13917	1949	0204	
20	0.5	3/4 chain				0204	
21		UCAT	50	3619	1949	0202	CT no self guard on recovery
22	3.66	3/4 chain				0202	
23		UCAT	55	3620	1952	0159	CT bump on deck
24	8.7	7/16 wire		11-257-10		0159	
25		UCAT	65	3621	1957	0156	CT

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	8.7	7/16 wire		11257-13		0156	
27		MCAT	75	3632	2000	0152	CT
28	8.7	7/16 wire		11257-9		0152	
29		MCAT	85	4699	2003	0147	CTP
30	8.7	7/16 wire		11257-8		0147	
31		MCAT	95	3791	2006	0143	CTP CT only
32	8.7	7/16 wire		11257-12		0143	
33		MCAT	105	2769	2013	0137	CTP
34	13.6	7/16 wire		11257-7		0137	
35		MCAT	120	4700	2015	0128	CTP
36	3.66	3/4 chain		11257-11		0128	
37		ADCP	125	7637	2019	0125	S/N 3426 battery case
38	8.7	7/16 wire		11257-11		0125	
39		MCAT	135	3669	2023	0120	CTP
40	18.75	7/16 wire		11257-6		0120	
41		MCAT	155	4701	2034	0113	CTP
42	250	3/8 wire		11064-4		0113	
43	500	3/8 wire		11257-3	2044	0104	link straight
44	500	3/8 wire		11257-4 → 11061-1	²¹⁰² 0048		this link also caught
45	500	3/8 wire		11257-2	2117	0034	termination link is caught on
46	100	3/8 wire		11061-5	2130	0017	shoulder of shackles
47	200	7/8 nylon			2133	7-15-2013 0011	↑
48	2050	7/8 nylon			2156	2350	} 7/14
49	1500	1" colmega			2250	2226	
50		Glass Balls		start end	2356	1830	} few imploded balls on recovery counted 80 balls

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51		SBE-16	*	1880	14 JUN 0200	14 JULY 1841	* approx 37m above the bottom, side by side on load bar
52		SBE-16	*	1881	0200	1841	
53	5	1/2 chain			0201		
54		Release		33408	0202	1852	
55		Release		35318	0202	1852	
56	5	1/2 chain			0215		
57	20	1" Nystrom			0216		
58	5	1/2 chain		0224	1624		
59		anchor		0224	1624		
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