

# Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-13 MOORED STATION NO. 1280

## Launch (anchor over)

Date (day-mon-yr) 27 Jun 2016 Time 0847 UTC  
Deployed by Cole/Smith Recorder/Observer Plueddenann  
Ship and Cruise No. HA-16-05 Intended Duration 12 mo  
Depth Recorder Reading 4669 m Correction Source HOT LTD: 1506 m/s  
Depth Correction +24 m = 4%, = 19 m, + 5 m 'ducer depth'  
Corrected Water Depth 4693 m Magnetic Variation (E/W) \_\_\_\_\_  
Anchor Drop Lat. (N/S) 22° 47.402 Lon. (E/W) 157° 54.481  
Surveyed Pos. Lat. (N/S) 22° 47.240 Lon. (E/W) 157° 54.450  
Argos Platform ID No. see pg 2-3 Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech 8242 Tested to 1500 m

Release No. 1 (sn) <u>31269</u>	Release No. 2 (sn) <u>48278</u>
Interrogate Freq. <u>11 kHz</u>	Interrogate Freq. <u>11 kHz</u>
Reply Freq. <u>12 kHz</u>	Reply Freq. <u>12 kHz</u>
Enable <u>460272</u>	Enable <u>567611</u>
Disable <u>460303</u>	Disable <u>567632</u>
Release <u>444155</u>	Release <u>551165</u>

## Recovery (release fired)

Date (day-mon-yr) \_\_\_\_\_ Time \_\_\_\_\_ UTC  
Latitude (N/S) \_\_\_\_\_ Longitude (E/W) \_\_\_\_\_  
Recovered by \_\_\_\_\_ Recorder/Observer \_\_\_\_\_  
Ship and Cruise No. \_\_\_\_\_ Actual duration \_\_\_\_\_ days  
Distance from waterline to buoy deck 70 cm (visual inspect.)

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**Surface Components**

Buoy Type MOB Color(s) Hull Tower blue hull, white tower

Buoy Markings 'B', IS found adrift: U. Hawaii 808-956-7896

**Surface Instrumentation**

Item	ID #	Height*	Comments
Logger	L19	-	SYS-1
PTT	99595	-	IDS 14663, 14677, 14697
HRH	249	237 cm	
BPR	224	243	
WND	705	265	
PRC	506	237	
LWR	207	280	
SWR	226	280	
SST	1306	-150	
Logger	L42	-	SYS-2
PTT	14637	-	IDS 07563, 07581, 07582
HRH	211	237	
BPR	502	243	
WND	703	265	
PRC	205	237	
LWR	502	280	
SWR	229	280	
SST	1727	-150	
Xeos Melo		-	IMEI 300034013701980
SBE-39 AT	3795	225	
Vais. WXT	203	251	
Lascar	307	206	
Sonic WND	216	278	
PCO <sub>2</sub>	see pg 3	-	

\*Height above buoy deck in centimeters



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Item No.	Length (m)	Item	Depth	Inst No.	Time Over w/26/16	Time Back	Notes
1		buoy	0	—	1913		
2	5.26	3/4 chain		—			
3		UCAT	7	6892.	1833		w/press, pulled back out of water after initial dunk
4	1.3	3/4 chain		—			
5		VMCM	<del>20</del> <sup>10</sup>	2016.	1833		bands off 1825
6	2.82	3/4 chain		—			
7		UCAT	15	3382.	1829		
8	8.1	3/4 chain		—			
9		UCAT	25	4663.	1820		
10	3.28	3/4 chain		—			
11		VMCM	30	2075.	1819		bands off 1813
12	2.82	3/4 chain		—			
13		UCAT	35	3633.	1815		
14	3.66	3/4 chain		—			
15		UCAT	40	3381.	1810		
16	3.66	3/4 chain		—			
17		UCAT	45	3668.	1805		w/press
18	1.07	3/4 chain		—			
19		ADCP	47.5	13917.			600kHz
20	75.5	7/16 wire		15014-6	0937 <del>15014-6</del>		erroneously used local time for deploy starting here, add 10h for UTC
21		UCAT	50	3619.	0937		
22		UCAT	55	3620.	0939		
23		UCAT	65	3621.	0940		
24		UCAT	75	3632.	0942		
25		UCAT	85	4699.	0943		w/press

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		MCAT	95	3791.	0944		
27		MCAT	105	2769.	0945		w/press
28		MCAT	120	4700.	0953		w/press
29		ADCP	125	7637.	0954		300kHz
30	250	3/8 wire		15014-4			
31		MCAT	135	2965.	0955		w/press
32		MCAT	155	4701.	0957		w/press
33	500	3/8 wire		16007-3	2004		back to UTC starting here
34	500	3/8 wire		<del>16007-2</del>	2036		damaged recovered, replaced w/ spare 16007-4
35	500	3/8 wire		15014-2	0433 06/27		
36	100	3/8 wire		15014-5	0442		} potted urethane termination
37	200	7/8 nylon		—	0500		
38	2050	7/8 nylon		—	0520		
39	1500	1" colmega		—	0551		
40		glass balls		—	0645		
41		SBE37	} 36m above bottom item	12246	} 0813		plugs out
42		SBE37		12247			
43	5	1/2" chain		—			
44		release		31269	0814		
45		release	} dual	48278	0814		
46	5	1/2" chain		—			
47	20	1" samson		—			
48	5	1/2" chain		—			
49		anchor		—	0847		9300lb (air), 8000 (wet)
50							

ARRAY NAME AND NO. \_\_\_\_\_ MOORED STATION NO. \_\_\_\_\_

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
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