

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-14 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 28 July 2017 Time 02:19 UTC UTC

Deployed by Hasbrouck/Weller Recorder/Observer Clabaugh

Ship and Cruise No. HA-17-02 Intended Duration 12m

Depth Recorder Reading NA m Correction Source _____
no working depth sounder

Depth Correction _____ m

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

Anchor Drop Lat. (N/S) 22° 40.158' Lon. (E/W) 157° 56.803'

Surveyed Pos. Lat. (N/S) 22° 40.0358' Lon. (E/W) 157° 57.0703'
0159' *0915'*

Argos Platform ID No. see p. 2 Additional Argos Info on pages 2 and 3

Acoustic Release Model EdgeTech 8242XS Tested to 1500m m

Release No. 1 (sn) 33412 Release No. 2 (sn) 35323

Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz

Reply Freq. 12 kHz Reply Freq. 12 kHz

Enable 361226 Enable 111655

Disable 361243 Disable 111676

Release 346443 Release 127562

Recovery (release fired)

Date (day-mon-yr) 26-Sep-2018 Time 1657 UTC

Latitude (N/S) 22° 40.240 N Longitude (E/W) 157 57.157 W

Recovered by Pietro/Hasbrouck Recorder/Observer Plueddemann

Ship and Cruise No. HA-18-03 Actual duration 425 days

Distance from waterline to buoy deck 60 cm

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Surface Components	
Buoy Type <u>MOB</u>	Color(s) Hull Tower <u>blue hull, white tower</u>
Buoy Markings <u>If found advise contact U of Hawaii Honolulu, HI USA</u> <u>808-952-7896, 'B'</u>	

Surface Instrumentation			
Item	ID #	Height*	Comments
Logger	L08		System-1
IR	J104NF		300234063345500
HRH	257	240 cm	
BPR	240	237	
SW WND	268	279	
PRC	215	256	
LWR	224	286	
SWR	502	286	
SST	1834	157	
Logger	L09		System-2
PFT	63879		IDS 07561, 27415, 27416
HRH	223	240	
BPR	216	237	
WIND	239	270	
PRC	213	256	
LWR	261	286	
SWR	505	286	
SST SBE37	1841	-157	
XEOS mello			IMEI 300034013709960
SBE-39-AT	1446	223	
Lascar	1003228	229	
VWX	007	241	
XEOS Sable			IMEI 300034012194230

*Height above buoy deck in centimeters

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Subsurface Instrumentation on Buoy and Bridle			
Item	ID #	Depth†	Comments
SST	7215	80cm	SBE 50 315° stbd
SST	7214	90	SBE 50 0° bow low
SST	7213	80	SBE 50 0° bow high
SST	7212	80	SBE 50 45° port
PMEL	pCO ₂	System	
pCO ₂	179	-157	battelle MAPCO 2
pH	59	-157	SAMI/Sunburst
CTD	7412	-157	SBE 16
Oxy	515	-157	SBE 63
fluoro	1950	-157	wet labs

†Depth below buoy deck in centimeters

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		buoy	0		19:11	0113	Date: 7-27-17
2	5.20	3/4 chain			18:29		
3		MicroCat	7	3617	18:29	0145	
4	1.30	3/4 chain			18:26		
5		VMCM	10	042	18:25	0147	span time: 18:25 in water: 18:26
6	2.82	3/4 chain			18:19		post spin 0250 9/27
7		MicroCat	15	6893	18:19	0149	
8	8.10	3/4 chain			18:15		
9		MicroCat	25	6894	18:15	0154	
10	3.28	3/4 chain			18:12		
11		VMCM	30	068	18:10	0156	span time: 18:10 in water: 18:12
12	2.82	3/4 chain			18:07		post spin 0248 9/27
13		MicroCat	35	6895	18:07	0158	
14	3.60	3/4 chain			18:07		
15		MicroCat	40	6896	18:04	0159	
16	3.60	3/4 chain			18:04		
17		MicroCat	45	6887	18:02	0145 0203	
18	1.07	3/4 chain			19:30		buoy is cast adrift at this point on recovery
19		ADCP	47.5	1825	19:30	0034	
20	75.5	7/16 wire		16024	19:30	0034	
21		MicroCat	50	6897	19:31	0034	
22		MicroCat	55	6898	19:33	0033	
23		MicroCat	65	6899	19:35	0032	
24		MicroCat	75	3618	19:36	0025	
25		MicroCat	85	3634	19:38	0024	

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		MicroCat	95	3670	19:40	0023	
27		MicroCat	105	6889	19:42	0023	
28		MicroCats	120	6890	19:54	0021	
29		ADCP	125	4891	19:55	0019	
30	250	3/8 wire		16007-5	19:55	0017	
31		MicroCat	135	6888	19:57	0015	
32		MicroCat	155	6891	19:59	0014	
33	500	3/8 wire		17044-2	20:15	8/27 0005	
34	500	3/8 wire		17044-4	20:44	2355	
35	500	3/8 wire		17044-3	21:00	2341	
36	100	3/8 wire		16007-6	21:16	2327	
37	200	1/8 nylon			21:21	2322	
38	2100	1/8 nylon			21:47	2308	
39	1500	1" colmega			22:18	2157 9/26/18	
40		glass balls			23:38	1952-2018	1st ball in at 23:38 note: 1 broken last ball in at 0:30 added spent 2-08-17 chain OK
41		SBE37	36m off	9988	02:02	2018	Date 7-28-17
42		SBE37	the bottom	10602	02:02	2018	9 glass balls broken on recovery
43	5	1/2" chain			02:02	2021	
44		release	dated	35323	02:03	2021	
45		release		33412	02:03	2021	
46	5	1/2" chain			02:03		
47	20	1" samson			02:10		
48	5	1/2" chain			02:19		
49		anchor			02:19		22° 40.158 N 157° 56.803 W
50							