Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-15 **MOORED STATION NO.** 1286

Launch (anchor over)

Date (day-mon-yr) 23-Sep-2018 Time 0117 ~~1825~~ UTC

Deployed by Pietro Recorder/Observer Plueddemann

Ship and Cruise No. HA-18-03 Intended Duration 12 mo

Depth Recorder Reading 4678 m Correction Source ducer depth 5m, HOT SS=1504(0.3%) 4678 *.003 = 14m

Depth Correction -19 m

Corrected Water Depth 4697 m Magnetic Variation (E/W)

Anchor Drop Lat. (N/S) 22° 45.940 Lon. (E/W) 157° 53.700

Surveyed Pos. Lat. (N/S) 22° 46.045 Lon. (E/W) 157° 53.888

~~Argos~~ Iridium Platform ID No. See pg 2+3 Additional Argos Info on pages 2 and 3

Acoustic Release Model 8242XS Tested to 1500 m

Release No. 1 (sn)	31269	Release No. 2 (sn)	48281
Interrogate Freq.	11kHz	Interrogate Freq.	11kHz
Reply Freq.	12kHz	Reply Freq.	12kHz
Enable	460272	Enable	567743
Disable	460303	Disable	567760
Release	444155	Release	551241

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 80 cm

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Surface Components

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

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

Surface Instrumentation

Item	ID #	Height*	Comments
Logger	L19	—	System 1
Irid	J1ØCGJ	—	IMEI 300234063855630
HRH	256	235	
BPR	225	240	
SWND	216	270	
PRC	218	252	
LWR	219	280	
SWR	300	280	
SST	5996	-152	
Logger	L42	—	System 2
Irid	J1ØDOV	—	IMEI 300234063160290
HRH	247	235	
BPR	502	240	
WND	219	270	
PRC	501	252	
LWR	205	280	
SWR	351	280	
SST	5994	-152	
Xeos Mob	—	—	IMEI 300034012615100
SBE39 AT	5276	223	
Lascar	10032233	233	
WXT	203	245	

*Height above buoy deck in centimeters

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Subsurface Instrumentation on Buoy and Bridle			
Item	ID #	Depth†	Comments
SST	6150	80	SBE56 120° clockwise fr. vane
SST	6239	80	SBE56 180°
SST	6410	95	SBE56 180°
SST	6412	110	SBE56 180°
SST	7211	80	SBE56 240°
PMEL	pCO2 System:		
pCO2	132	152	Battelle MAPCO2
CTD	6883	152	SBE-16
oxy	340	152	SBE-63
fluoro	2400	152	WetLabs FLNTUS
pH	P17	152	SAMI-2
Xeos		150	Sable, IMEI 300034013905090
†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		1932		
2	5.26	3/4 chain					
3		μCAT	7	6892	1928		w/pressure
4	1.30	3/4 chain					
5		VMCM ~~μCAT~~	10	009	1910		bands off 1857
6	2.82	3/4 chain					
7		μCAT	15	3382	1902		
8	8.10	3/4 chain					
9		μCAT*	25	4663	1853		*shark tracker receiver clamped to load bar S/N 129877
10	3.28	3/4 chain					
11		VMCM	30	010	1852		bands off 1843
12	2.82	3/4 chain					
13		μCAT	35	3633	1848		
14	3.66	3/4 chain					
15		μCAT	40	3381	1842		
16	3.66	3/4 chain			22 sep		
17		μCAT	45	3668	1837		w/pressure
18	1.07	3/4 chain					
19		ADCP	47.5	13917	1945		600 KHz
20	75.5	7/16 wire					
21		μCAT	50	3619	1947		
22		μCAT	55	3620	1947		
23		μCAT	65	3621	1948		
24		μCAT	75	3632	1949		
25		μCAT	85	4699	1950		w/pressure

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		μCAT	95	3791	1951		
27		μCAT	105	2769	1952		w/pressure
28		μCAT	120	4700	1954		w/pressure
29		ADCP	125	7637	1957		300kHz
30	250	3/8 wire	—	17044-6			
31		XMC μCAT	134	15729	2001		
32		μCAT	135	2965	2001		w/pressure
33		XMC	136	15817	2001		w/pressure
34		XMC	154	15818	2003		w/pressure
35		μCAT	155	4701	2003		w/pressure
36	500	3/8 wire	—	18009-4	2075		
37	500	3/8 wire	—	18009-3	2044		
38	500	3/8 wire	—	17044-5	2100		
39	100	3/8 wire	—	17044-7	2105		} potted urethane term.
40	200	7/8 nylon	—		2111		
41	2100	7/8 nylon	—		2158		
42	1500	1 colmega	—		2220		
43		glass balls			2320		68 glass balls, sets of 4
44		μCAT	36m off bottom	12246	9/23		
45		μCAT		12247	0107		
46	5	1/2 chain					
47		release			0108		
48		release			0108		
49	5	1/2 chain					
50	20	1 samson					

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	5	½ chain					
52		anchor			0117		
53							
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