

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS 20 MOORED STATION NO. N/A

Launch (anchor over)

Date (day-mon-yr) 02-06-2024 Time 0347 UTC
Deployed by Hans Graham Recorder/Observer Bjorn
Ship and Cruise No. Sette 24-05 Intended Duration 365 days
Depth Recorder Reading 4779 m Correction Source Simrad EK80 (18 kHz)
Depth Correction -29 m reading (4779m) is high compared to ~~last~~ past surveys.
Corrected Water Depth _____ m Magnetic Variation (E/W) 9.51° (June 2024)
Anchor Drop Lat. (N/S) 22° 40.100' N Lon. (E/W) 157° 56.801' W
Surveyed Pos. Lat. (N/S) 22° 40.08' N Lon. (E/W) 157° 57.01' W
Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Acoustic Release Model EdgeTech Tested to 1500 m
Release No. 1 (sn) 35320 Release No. 2 (sn) 33406
Interrogate Freq. 11 kHz Interrogate Freq. 11
Reply Freq. 12 kHz Reply Freq. 12
Enable 111514 Enable 360725
Disable 111537 Disable 360740
Release 127507 Release 346307

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 _____

Cruise start: May 31 2024 from Honolulu HI, NOAA Ship Sette
Cruise end: June 8 2024, Honolulu
Cruise name: SE-24-05

ARRAY NAME AND NO. WHO'S 20 MOORED STATION NO. N/A

Surface Components

Buoy Type NOBS Color(s) Hull Tower Blue hull / White tower / Yellow deck

Buoy Markings "B" If found adrift contact University of Hawaii, Honolulu HI, USA 808 956 2737, WHOI 808 956 2737

Surface Instrumentation

Item	ID #	Height*	Comments
Logger	3		System 1. Port side
KRH	703	234	SD card.
BPR	240	244	SD card
WND	346	268.5	CF card. Prop/vane
PRC	210	252	SD card
LWR	206	281.5	CF card
SWR	502	281.5	CF card. Eppley.
SST	1834		
net Iridium			300534065950200
Logger	8		System 2. Starboard
KRH	215	234	SD card.
BPR	504	244	SD card.
WND	239	269	CF card. Prop/vane.
PRC	218	253	SD card.
LWR	209	281.5	CF card
SWR	257	281.5	SD card. Kipp & Zonen
SST	1841		
net Iridium			300534063202160
WXT	203		SD card
Airmar	60796279		
HC2A	12718305		
SBE39 AT	5272		

*Height above buoy deck in centimeters

ARRAY NAME AND NO. WHATSWO MOORED STATION NO. _____

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		buoy	0		2118		
2	5.26	3/4 chain					
3		MCAT	7	3617	2053		
4	1.30	3/4 chain					
5		VNCT	10	32	2050		Tpod 12. Spike @ 2049 deployed.
6	2.82	3/4 chain					
7		MCAT	15	6893	2048		1 load bar, 2 trawl guards no antifoulant
8		MCAT	15	3632	2048		
9	0.34	3/4 chain					
10		MCAT w Pump	16.6	16531	2048		load bar
11	6.50	3/4 chain					
12		MCAT	25	6894	2045		load bar
13	3.28	3/4 chain					
14		VNCT	30	42	2042		Tpod 83. Spike @ 2040 deployed
15	2.82	3/4 chain					
16		MCAT	35	6895	2039		1 load bar, 2 trawl guards no antifoulant
17		MCAT	35	4700	2039		
18	0.34	3/4 chain					
19		MCAT w Pump	36.6	16573	2039		
20	2.14 2.81	3/4 chain					
21		MCAT	40	6896	2036		2036 time over
22	3.66	3/4 chain					
23		MCAT w Pressure	45	6887	2033		
24	1.07	3/4 chain					
25		RDI ADCP	47.5	1825	2134		
	75.5	7/16 wire			230651241		

ARRAY NAME AND NO. WHDTS20 MOORED STATION NO. _____

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		MCAT	50	6897	2135		clamped
27		MCAT	55	6898	2136		clamped
28		MCAT	65	6062	2138		WHDTS, clamped
29		MCAT	75	3618	2139		clamped
30		MCAT	85	3634	2140		clamped
31		MCAT with P	95	3670	2141		clamped - Pressure
32		MCAT with P	105	6889	2142		clamped - Pressure
33		MCAT with P	120	6890	2144		clamped - Pressure
34		RDI ADP	125	4891	2148		caged.
35	250	3/8 wire		230234			
36		MCAT with P	135	6888	2149		clamped - Pressure
37		MCAT with P	155	6891	2151		clamped - Pressure
38	500	3/8 wire		23033-3	2200		
39	500	3/8 wire		24031-3	2216		
40	500	3/8 wire		24032-2			
41	100	3/8 wire	}	22037-6	2247	}	pothole termination
42	200	7/8 Nylon					
43	2100	7/8 Nylon			2302		
44	1500	1" Colmaja			0032(lead)		
45		glass Balls (68)			0040		HT HT HT 11 17 sets (last 2 are red)
46		MCAT	}	12242	0323	}	load bar
47		MCAT		12247	0323		
48	5	1/2 chain					
49		release	}	35320	0324	}	with 7m chain
50		release		33456	0324		

ARRAY NAME AND NO. W40TS20 MOORED STATION NO. _____

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	5	1/2 chain					
52	20	1" Samson					
53	5	1/2 chain					
54		anchor			0347		9300 lbs.
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