

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS 19 MOORED STATION NO. N/A

Launch (anchor over)

Date (day-mon-yr) 17 June 2023 Time 0259 UTC

Deployed by Llanos / Graham Recorder/Observer Bigorre

Ship and Cruise No. SE-23-02 Intended Duration 36.5 days

Depth Recorder Reading N/A m Correction Source EK80 includes offset for hull transducer. Manual sound speed correction of 1504 m/s used

Depth Correction applied in EK80 m

Corrected Water Depth 4705 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 22° 46.002 Lon. (E/W) 157° 53.768

Surveyed Pos. Lat. (N/S) 22° 46.057 Lon. (E/W) 157° 53.964

^{Iridium} Argos Platform ID No. see pg 2+3 Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech Tested to 1500 m

Release No. 1 (sn) 33410 Release No. 2 (sn) 51785

Interrogate Freq. 11 Interrogate Freq. 11

Reply Freq. 12 Reply Freq. 12

Enable 361121 Enable 322222

Disable 361144 Disable 322247

Release 346405 Release 334146

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 65 cm

Cruise start: June 15 2023, from Honolulu HI
NOAA Ship Sette

ARRAY NAME AND NO. W410TS 19 MOORED STATION NO. _____

Surface Components			
Buoy Type <u>POBS</u> Color(s) Hull Tower <u>Blue hull / white tower / yellow deck</u>			
Buoy Markings <u>'B'</u> IF FOUND ADRIFT CONTACT UNIVERSITY OF HAWAII HONOLULU, HI USA 808-956-7633			
Surface Instrumentation			
Item	ID #	Height*	Comments
Logger	9		system 1 . Port Side
HRH	269	231	SD card
BPR	210	242	SD card
WND	225	264	RM Young
PRC	235	256	SD card
LWR	214	281	
SWR	233	281	SD card
Net Iridium			3002 3406 3855 630
SST	1727	-155	
Logger	42		system 2 . Starboard
HRH	247	231	SD card
BPR	206	242	SD card
WND	701	264	RM Young
PRC	506	256	SD card
LWR	219	281	
SWR	353	281	
SST	5996	-155	
Net Iridium			3002 3406 3160 290
WXT	204	264	SD card
Airmar	6079 6253	273	
H2A	W19	232	
SBE 39AT	719	228	
MELO			3000 3401 3707 580
ROVER	1034		3004 3406 4530 400
ROVER	724		3004 3406 3547 190
*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		2100	21	2140: bird trying to land on tower 6/16/23.
2	5.26	3/4 chain					
3		MCAT	7	6892 3382	2100		
4	1.3	3/4 chain					
5		VNCT7	10	35	2028		Tipod 11, Spike 2023
6	2.82	3/4 chain					
7		MCAT	15	3382 6892	2025		
8	8.1	3/4 chain					
9		MCAT	25	4663	2019		shark tracker on loadbar
10	3.28	3/4 chain					
11		VNCT7	30	58	2016		Tipod 20, Spike 2013
12	2.82	3/4 chain					
13		MCAT	35	3633	2012		
14	3.66	3/4 chain					
15		MCAT	40	3381	2009		
16	3.66	3/4 chain					
17		MCAT	45	3668	2006		w P sensor
18	1.07	3/4 chain					
19		RDI ADCP	47.5	13917	2123		
20	75.5	7/16 wire		22041-1			
21		MCAT	50	3619	2126		clamped
22		MCAT	55	3620	2127		clamped
23		MCAT	65	3621	2129		clamped
24		MCAT	75	9988	2131		clamped
25		MCAT	85	4699	2132		clamped

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		MCAT	95	3791	2134		clamped - P sensor
27		MCAT	105	2769	2136		clamped - P sensor
28		MCAT	120	25352	2147		clamped - P sensor
29		RDI ADCP	125	7637	2147		
30	250	3/8 wire		22041-5 22041-5	2147		
31		MCAT	135	25444	2149		clamped - P sensor
32		MCAT	155	4701	2151		clamped - P sensor
33	500	3/8 wire		23023-2	2157		
34	500	3/8 wire		22041-2	2209		
35	500	3/8 wire		21054-3	2225		
36	100	3/8 wire		21054-6	2239		
37	200	7/8 nylon			2242		
38	2100	7/8 nylon			2256		
39	1500	1" Colmega			2338		
40		Glass Balls (68)			0100(End)		strings (4 sets orange)
41		MCAT	4666	11381	0241		} w P sensor - 39 m above sea floor } 39 m above sea floor
42		MCAT	4666	11380	0241		
43	5	1/2 chain					
44		release		33410	0241		} dented release with 1m chain
45		release		51785	0241		
46	5	1/2 chain					
47	20	1" Samson					
48	5	1/2 chain					
49		anchor			0259		8000 lbs (wet), 9300 lbs (air)
50							