

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOYS 21 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 24 - 09 - 2025 Time 00:53 UTC

Latitude (N/S, deg-min) 22° 46.057' Longitude (E/W, deg-min) 157° 53.782'

Deployed by Llanes / Graham Recorder/Observer Bigorre

Ship and Cruise No. Sette SE-25-06 Intended Duration 365

Depth Recorder Reading 4800 m Correction Source GK80 with

Depth Correction - 100 m full depth local SOS profile

Corrected Water Depth 4700 m Magnetic Variation (E/W) 9.41° / Sept 2025

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

Surveyed Anchor Position

Lat (N/S) 22° 45.990' Long. (E/W) 157° 54.053'

Acoustic Release Model Edgetech 8242 XS Tested to 1500m

Release No. 33405 Tested to Release 55464 m

Receiver No. _____ Release Command _____

Enable 360677 // Disable 360706 Enable 107275 / Disable 107304

Interrogate Freq. Release 346276 Reply Freq. Release 126464

Recovery (release fired)

Date (day-mon-yr) _____ Time _____ UTC

Latitude (N/S, deg-min) _____ Longitude (E/W, deg-min) _____

Recovered by _____ Recorder/Observer _____

Ship and Cruise No. _____ Actual duration _____ days

Distance from actual waterline to buoy deck 65 cm m

Deployment cruise: 9/22/25 to 9/29/25, Honolulu HI
Ship (NOAA): SETTE Cruise name: SE-25-06

WHOTS 21 Surface Components

Buoy Type NOBS Color(s) Hull Blue Tower White

Buoy Markings If found adrift contact university of Hawaii
Honolulu, HI, USA 808-956-2737 . WHOT 808-956-2737 USA

Surface Instrumentation

Item	ID #	Height*	Comments
Logger	5	Port	
HRH	365	234	
BPR	219	244	
WND	343	265	
PRC	320	253	
LWR	256	282	
SWR	302	282	
SST	1838	-155	
Net Iridium		Starboard	
Logger	42		
HRH	247	234	
BPR	234	244	
WND	701	265	
PRC	506	253	
LWR	243	282	
SWR	209	282	
SST	3604	-155	
Net Iridium			
WXT	202	265	
Airmar	60646870	265	
HRH	249	234	
Rotronics	12718304	234	
SBE39AT	721	232	
Lascar		199	

*Height above buoy deck in centimeters

21

1206
6411
7213
7214
7215

[†]Depth below buoy deck in centimeters

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		Buoy		19:06					
2	5.26	3/4 chain							
3		SBE 37	3382				7		
4	1.30	3/4 chain							
5		VNCH	2058	18:40	Spike at 18:36		10		
6	2.82	3/4 chain							
7		SBE 37	6892	18:36	with pressure (SN 2651324)		15		
8	8.10	3/4 chain							
9		SBE 37	4663	18:32			25		
10	3.28	3/4 chain							
11		VNCH	2035	18:31	Tpod 11. Spike 18:25:45		30		
12	2.82	3/4 chain							
13		SBE 37	3633	18:28			35		
14	3.66	3/4 chain							
15		SBE 37	3381	18:23			40		
16	3.66	3/4 chain							
17		SBE 37	3668	18:21	with pressure (SN 5579)		45		
18	1.07	3/4 chain							
19		RDI ADCP	13917	18:19			47.5		
20	75.5	7/16 wire							
21		SBE 37	3619	18:19	clamped.		50		
22		SBE 37	3620	18:19	clamped.		55		

WHOTS 21

Item No.	Depth (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		SBE 37	3621	18:19	clamped.		65		
24		SBE 37	9988	19:15	clamped.		75		
25		SBE 37	4699	19:19	clamped.		85		
26		SBE 37	3791	19:21	with pressure clamped		95		
27		SBE 37	2769	19:23	with pressure clamped (12364705)		105		
28		SBE 37	25352	19:29	with pressure clamped (5983494)		120		
29		RDI ADCP	7637	19:31			125		
30	250	3/8 wire	25038-5						
31		SBE 37	25444	19:34	with pressure clamped (12152941)		135		
32		SBE 37	4701	19:36	with pressure clamped (10211)		155		
33	500	3/8 wire	25038-2						
34	500	3/8 wire	24032-4	19:50	19:58 ship 500 bumps up from 0.8 to 1.2 kt				
35	500	3/8 wire	25038-4	20:01					
36	100	3/8 wire	24032-6	20:12					
37	200	7/8 nylon							
38	2100	7/8 nylon		20:26	20:35 still 5.7 um from target. Bumping up to 1.5 kts				
39	1500	Columbia 1"			21:28 end of Columbia with Yale grip				
40		Glass Balls (68)		21:48	111 111 111 111 6 sets orange				
41		SBE 37	11380	00:48	9/24/25				
42		SBE 37	11381	00:48	9/24/25				
43	5	1/2 chain							
44		release		00:48					
45		release		00:48					

WHOTS-2-1

Moored Station Number

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
46	1	chain with link							
47	5	1/2 chain							
48	20	Nystrom							
49	5	1/2 chain							
50		anchor							
51									
52									
53									
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62									
63									
64									
65									
66									
67									

WHOTS-21

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
91									
92									
93									
94									
95									
96									
97									
98									
99									
Date/Time			Comments						
22:25 9/23/25			Duo belt ripped through orange hard hat on deck. Retarded hat.						
22:38 9/23/25			End of glass bells						
			WHOTS is NDBC Partner Platform 51 WHP						