

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS-6 MOORED STATION NO. 1209

Launch (anchor over)

Date (day-mon-yr) 11-07-2009 Time 01:18:48 UTC
Latitude (N/S, deg-min) 22 39.944 Longitude (E/W, deg-min) 157° 56.771
Deployed by Ryder/Whelan Recorder/Observer Prueddemann
Ship and Cruise No. Kilo Moana Intended Duration 12 mo
KM-09-16
Depth Recorder Reading — m Correction Source speed of sound profile
Depth Correction — m
Corrected Water Depth 4758 m Magnetic Variation (E/W) _____
Argos Platform ID No. see pg 2 Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) 22° 39.989' Long. (E/W) 157° 56.961'

Acoustic Release Model EGG 8242, dual

Release No. 31271 / 30847 Tested to 1500 m
Receiver No. _____ Release Command 444214 / 151411
Enable 460366 / 166620 Disable 460401 / 166645
Interrogate Freq. 11 kHz Reply Freq. 12 kHz

Recovery (release fired) 17:

Date (day-mon-yr) 02/08/2010 Time 17:11:25 ^{RESPONSE} 17:11:45 UTC
Latitude (N/S, deg-min) 22° 39.677 Longitude (E/W, deg-min) 157° 58.001
Recovered by OSTROM/WHELAN Recorder/Observer SIGNEU
Ship and Cruise No. KILO MOANA Actual duration 12 mo days
KM-10-14
Distance from actual waterline to buoy deck 75 cm mm

recovery [5034 slant range sent
release ops [4941 slant range response

Surface Components

Buoy Type Foam Hull MOB Color(s) Hull yellow/white Tower white

Buoy Markings 'B' IS FOUND adjacent contact U. Hawaii
808-956-7896

Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET	207	logger	System 1
HRH	220	227	
BPR	212	236	
WIND	218	267	VANES MISSING, DAMAGED - TOOK WATER
PRC	211	247	
LWR	505	278	DOMES BROKEN - TOOK WATER
SWR	219	275	DOMES BROKEN - TOOK WATER
SST	1835	-153	RECOVERED FROM BRIDLE 01:27
PTT	14637	(Wildcat)	ID's 7563, 7581, 7582
ASIMET	219	logger	System 2
HRH	208	227	NOT RECOVERED - LOST AT SEA
BPR	221	238	
WIND	211	267	DAMAGED - TOOK WATER
PRC	504	247	
LWR	215	278	DOMES BROKEN - TOOK WATER
SWR	202	275	DOMES BROKEN - TOOK WATER
SST	1727	-153	RECOVERED, SN NOT FOUND
PTT	18136	WILDCAT	ID's 14663, 14667, 14697
SIS Apos	25702	buoy hull	
Float SST	717	floating	SBE-39
Fixed SST	14882	-127	RBR-1060
XEOS GPS	611500	250	pwr from well
pCO ₂	0019	69	air intake
Lascar	288	198	} FREQUENCY: ONE LOST AT SEA; OTHERS DAMAGED
Lascar	249	231	

*Height above buoy deck in centimeters

Moored Station Number

1209

7/10/09

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		buoy	-	1931			0	00:59	
2	7.75	3/4 chain	-						
3		VMCM	010	1840	rotor spin 1834		10	01:35	LOWER ROTOR FORWED W/ FISHING LINE ROTOR SPIN 03:03:00
4	2.82	3/4 chain	-						
5		MCAT	6893	1835			15	01:36:20	FISHING LINE
6	3.6	MCAT 3/4 chain	-						
7		MAYS	10260	1831	sensor down		20	01:42:10	GROWTH ON UPPER FLANGES
8	2.8	3/4 chain	-						
9		MCAT	6894	1830			25	01:47:30	
10	3.28	3/4 chain	-						
11		VMCM	058	1825	rotor spin 18:19		30	01:47:45	ROTOR SPIN 02:58:00
12	2.82	3/4 chain	-						
13		MCAT	6895	1824			35	01:50:10	
14	3.66	3/4 chain	-						
15		MCAT	6896	1819			40	01:50:55	
16	3.66	3/4 chain	-						
17		MCAT	6887	1817	w/pressure ✓		45	01:53:15	
18	1.2	3/4 chain	-						
19		ADEF	1825	1948	heads up, ^{600 kHz} 1200 kHz batt case		47.5	01:53:40	
20	0.5	3/4 chain	-						
21		MCAT	6897	1949	w/pressure		50	01:53:50	
22	3.66	3/4 chain	-						

Item No.	Depth (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		MCAT	6898	1953	w/pressure bumped on deck		55	01:55:00	
24	8.7	7/16 wire	-			9014-5			
25		MCAT	6899	1959	w/pressure		65	02:01:05	
26	8.7	7/16 wire	-			9014-4			
27		MCAT	3618	2003	w/press		75	02:04:50	
28	8.7	7/16 wire	-			9014-6			
29		MCAT	6888	2006	w/press ✓		85	02:08:25	
30	8.7	7/16 wire	-			9014-7			
31		MCAT	3617	2009	w/press		95	02:11:10	RETRIEVED w/o GUANO
32	8.7	7/16 wire	-			9014-3			
33		MCAT	6889	2012	w/press ✓		105	02:14:50	
34	13.6	7/16 wire	-			9014-2			
35		MCAT	6890	2016	w/press ✓		120	02:18:30	OUT OF WATER 22:41:20 BACK IN WATER 22:47
36	3.66	3/4 chain	-			9014-8			
37		ADCP	4891	2019	batt case 3169 beams up, 300 kHz		125	22:43:25	
38	8.7	7/16 wire	-			9014-8			
39		MCAT	3634	2023	w/press		135	22:38:45	
40	18.75	7/16 wire	-			9014-1			
41		MCAT	6891	2027	w/press ✓		155	2233	
42	250	3/8 wire	-	2027		7221-12		2226 2233	
43	500	3/8 wire	-	2035		7212-3		2213 2225	fishing line
44	500	3/8 wire	-	2048		9014-11		2158 2212	
45	500	3/8 wire	-	2059		9014-9		2157 2141	

