

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. WHOTS 1 MOORED STATION NO. 1144

Launch (anchor over)

Date (day-mon-yr) 13 Aug 2004 Time 0240 UTC
Latitude (N/S, deg-min) 22°45.966'N Longitude (E/W, deg-min) 157°53.571'W
Deployed by Lord/Dunn/Weller/Lukas/Snyder Recorder/Observer Lukas
Ship and Cruise No. KOK Intended Duration 12 months
Sea Bean Depth Recorder Reading 4685 m Correction Source HOTS CTD5 (Lukas)
Depth Correction .233% m
Corrected Water Depth 4693 m Magnetic Variation (E/W) 10.0667°
Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Surveyed Anchor Position

Lat (N/S) 22°46.063'N Long. (E/W) 157°53.901'W

Acoustic Release Model duel Edgetech 8242 on strong back

Release No. SN 905038 Tested to 500m, 1500m m
SN 016717
Receiver No. _____ Release Command 434071
440437 Disable 542357
Enable 561771 440414 561752
Interrogate Freq. 11 kHz (both) Reply Freq. 12 kHz (both)
Pulse Width 9.70 (both)

Recovery (release fired)

Date (day-mon-yr) 25 Jul 05 Time 1715 UTC
Latitude (N/S, deg-min) 22 45.443 Longitude (E/W, deg-min) 157 33.319
Recovered by Pluedd/Weller/Lukas Recorder/Observer Plueddmann
Ship and Cruise No. Melville Actual duration _____ days
TUIMIØMV
Distance from actual waterline to buoy deck _____ m

Surface Components

Buoy Type Gilman foam Color(s) Hull yellow/ ^{white} no foil Tower white

Buoy Markings "B" on top; If found adrift contact Univ. of Hawaii, 808 956 7896

Surface Instrumentation

Item	ID #	Height*	Comments
DATA Logger	L-12	NA	
HRH	229	232 cm	Above Foam Deck
BPR	503	247.5 cm	
WPD	222	271 cm	
PRC	216	246 cm	
LWR	219	283 cm	
SWR	216	283 cm	
PTT	63878	NA	ID's 06930, 07387, 07388
DATA logger	L-16	NA	
HRH	230	233 cm	
BPR	502	247.5 cm	
WPD	218	272 cm	
PRC	215	246 cm	
LWR	215	282.5 cm	
SWR	215	283 cm	
PTT	63879	NA	ID's 07455, 07456, 07561
GPS	69024	238 cm	
subsurface argos x-mitter	102		ID 24337
light			installed 8/12/04 ~ 0600 local
Note: upon recovery, all bird wires are gone from PRCs except 1, which is bent horizontal.			
*Height above buoy deck in centimeters			

Moored Station Number

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
1		HULL		1956	1926 wind vanes back on			0015	(fight against hull, out of the water) on deck 0027
2		7.75M ^{3/4"} Chain						0038	
3		VCMC	N6VM012	1956	rotor spin 1827:43			0038	bands on 0048
4		2.82M ^{3/4"} Chain							
5		SBE-16	801	1832	15M			0044	✓ 0801
6		8.68M ^{3/4"} Chain							
7		SBE-16	1085	1825	25M			0050	✓ 1085
8		3.28M ^{3/4"} Chain							
9		VCMC	N6VM11	1823	rotor spin 1817:54			0053	bands on 0058
10		2.82M ^{3/4"} Chain							
11		SBE-16	1087	1819	35M			0058	✓ 1087
12		3.66M ^{3/4"} Chain							
13		SBE-37	3381	1814	40M			0100	✓ 3381
14		3.66M ^{3/4"} Chain							
15		SBE-37	3382	1813	45M			0105	✓ 3382
16		3.66M ^{3/4"} Chain							
17		SBE-16	1088	1809	50M			0109	✓ 1088 instrument hit side of ship on
18		3.66M ^{3/4"} Chain							slipped off + set buoy recovery adjust at bottom of chain
19		SBE-16	1090	1809	55M			2328	✓ 1090
20		8.70M wire						2327	
21		SBE-16	1092	2014	65M			2324	✓ 1092
22		8.70M wire						2323	

Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
23		SBE-16	1095	2019	75m			2321	✓ 1095 (1st goose mark)
24		8.70m 7/16" wire						2320	
25		SBE-37P	2451	2022	85m			2317	✓ 2451
26		8.70m 7/16" wire						2316	
27		SBE-16	1097	2027	95m			2311	✓ 1097
28		8.70m 7/16" wire						2310	
29		SBE-37P	2769	2032	105m			2308	✓ 2769
30		13.6m 7/16" wire						2307	
31		SBE-16	1099	2036	120m			2259	✓ 1099
32		3.46m 3/4" chain						2259	
33		RPE ADCP	4891	2041	xducer cover off			2259	✓ 4891
34		8.70m 7/16" wire						2258	
35		SBE-16	1100	2046	135m			2255	✓ 1100
36		18.75 7/16" wire						2254	
37		SBE-37P	2965	2051	155m			2247	SN 2165
38		3/32" 250m wire						2246	
39		500m 3/32" wire		2057	Started shot			2239	" "
40		500m 3/32" wire		2112	Started shot			2226	" "
41		500m 3/32" wire		2127	Started shot			2214	end of 500m shot
42	300	wire/nylon termination		2158	100m 3/8" wire + 200m 7/8" nylon +			2140	- at splice 2159 at end of wire
43		500m 7/8" nylon		2210	Started shot				
44		500m 7/8" nylon							
45		1000m nylon							

all piece (piece) splice }
~~2052~~
~~2040~~ } 2121 (upper end onboard)

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Item No.	Length (m)	Item	Inst No.	Time Over	Notes	Data No.	Depth (m)	Time Back	Notes
46		1" nylon						2030	
47		100M nylon 1-1/2" poly		2246	start shot			2010	
48		1500M poly 90 glass balls		2327 start	Note 5M trawl chain shot above balls per JL	2335 1st 68.2m water		1855	TTTT TTT TTT TTT
49		5M chain 1/2" trawl		0031				1900	
50		dual release		0222	acoustic release chain			1900	
51		1M chain							
52		5M chain 1/2" trawl		0222					
53		20M nylon 1" chain		0223	started shot				working line spun free on winch drum
54		5M chain 1/2" trawl							
55		9300 anchor 16		0240 0230	release stuck				nominal depth 4685
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66									
67									