

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. UTAS 12 MOORED STATION NO. 1256

Launch (anchor over)

Date (day-mon-yr) 3-12-2012 Time 21:10 21:14 UTC
Deployed by PIETRO Recorder/Observer GALBRAITH
Ship and Cruise No. PISCES PS 12-08 Intended Duration _____
Depth Recorder Reading NA no data m Correction Source DATA FROM 2010 CRUISE
Depth Correction 38 m (MATHEWSTMOES) EVENT FILES WAS USED, A MATCHING POSITION
FOUND IN ECHO SOUNDER FILE
Corrected Water Depth 5035 m Magnetic Variation (E/W) _____
Anchor Drop Lat. (N/S) 14° 45.115 Lon. (E/W) 50° 56.505
Surveyed Pos. Lat. (N/S) 14° 44.953' Lon. (E/W) 50° 56.976
Argos Platform ID No. 502 p 3 Additional Argos Info on pages 2 and 3
WATCH CIRCLE 4 NM
Acoustic Release Model EDGETECH 8242 Tested to 1500 m
Release No. 1 (sn) 33409 Release No. 2 (sn) 33043
Interrogate Freq. RECV 12 Interrogate Freq. RECV 12
Reply Freq. XMIT 11 Reply Freq. XMIT 11
Enable 361073 Enable 314363
Disable 361102 Disable 314404
Release 346362 Release 332273

Recovery (release fired)

Date (day-mon-yr) 25 Oct 2013 Time 0953 UTC
Latitude (N/S) 14° 45.15' N Longitude (E/W) 50° 57.123' W
Recovered by Pietro Recorder/Observer Pheddemann
Ship and Cruise No. RB-13-05 Actual duration _____ days
Distance from waterline to buoy deck 80cm

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Surface Components

Buoy Type MODULAR FOAM Color(s) YELLOW ABOVE BLUE BELOW Hull/Tower WHITE

Buoy Markings 'SOB 548 1401 USA' IF FOUND ADAPT

WATERLINE MARKS @ 55, 75, 85, 95

Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET LGR	12		
HRH	215	223	
BPR	212	235	
WND	238	266.5	
PRC	207	243	
LWR	210	276	CLEANED 12/12/03 1408
SWR	505	276	"
SST	1836		
ASIMET LGR	16		
HRH	231	222.5	Corrected ht 2014/04
BPR	503	235	
WND	207	266.5	
PRC	206	242.5	
LWR	224	276	CLEANED 12/12/03
SWR	208	276	
SST	3604		
WXT520	6	257	
SBE39	3272	226.5	
LASCAR	225	206	EL-USB-2

*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			1532	1640	
2	5	ENCHAIN			1512	1640	
3		SBE 39	5	539		1656	
4		NORTEK	5.7	9467	1510	1656	CM
5	78	7/16 WIRE					
6		SBE 39I	10	4465	1510	1657	
7		NORTEK	13	5973	1510	1658	CM-IV
8		SBE 39	15	545	1533	1658	
9		NORTEK	18	432			NOT DEPLOYED (NO CLAMPS)
10		SBE 39	20	546		1659	
11		SBE 37I	25	669		1659	
12		RBR D00	26	61568	1538/10	1659	
13		SBE 39	30	631		1700	
14		SBE 39	40	677	1533	1700	
15		SBE 37I	45	684		1600	
16		SBE 39	50	678	1534	1559	
17		SBE 39	60	680	1546	1558	OVER @ 1443
18		SBE 37I	65	686	1547	1556	OVER 1540
19		SBE 39	70	681	1548	1555	
20		SBE 39I	80	4466	1604 1559	1553	1553 ONLINE, OVER A SIDE 1559 NO MARK ON WIRE @ 90m
21	1	3/4 CHAIN					
22		A DCP	85	2125	1613	1548	300KHZ RDI very clean
23	500	3/8 WIRE					SHOT # 12104
24		SBE 39	90	684	1622	1547	
25		SBE 39	100	750	1624	1546	

wire
← cut
16:04

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		SBE 39	110	3480	1628	1545	
27		STARODDI	110	3167	1628	1545	
28		STARODDI	120	3168	1629	1544	
29		STARODDI	130	3169	1630	1544	
30		STARODDI	140	3170	1631	1543	
31		STARODDI	150	3171	1632	1543	
32		STARODDI	160	3791	1632	1542	
33	500	3/8 WIRE		10059-4		1532	100 5 94
34	500	3/8 WIRE		12104-3		1517	12104-3
35	200	3/8 WIRE		11136-4		1457	111 364
36	100	3/8 WIRE		11136-5		1446	111 365
37	90	7/8 NYLON				1442	@17:51 (START) 1758 (END)
38	500	7/8 NYLON				1430	
39	2100	3/4 NYLON			41904-	1415	cut out sections for pull test
40	100	7/8 NYLON				1303	
41	1500	COLMEGA				1255	
42		56 GLASS BALLS				1126	4 imploded on recovery
43		SBE 16	4940	1877		1130	HAS POISON PLUGS
44		SBE 16	4940	1878		1130	DOES NOT HAVE PLUGS
45	5	1/2 TRAWL CHAIN					
46		RELEASE				1135	2024 enabled
47	5	1/2 CHAIN					
48	20	SAMSON (1")					
49	5	1/2 CHAIN		31159			
50		ANCHOR		2110	2114		