

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 17 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 10-6-18 Time 20:53 UTC

Deployed by Ben Pietro / Jason Smith Recorder/Observer S. Bigorre

Ship and Cruise No. Pisces PC 18-03 Intended Duration 365 days

Depth Recorder Reading ~~80~~ 4985 m Correction Source average SoS 1511 m/s

Depth Correction +36 m leads to multiplying factor 1511/1500

Corrected Water Depth 5021 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 14° 49.452' Lon. (E/W) 051° 00.823'

Surveyed Pos. Lat. (N/S) 14° 49.4682' Lon. (E/W) 051° 00.9941'

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

Acoustic Release Model Edge tech Tested to 1,500 m

Release No. 1 (sn) 51915 Release No. 2 (sn) 48277

Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz

Reply Freq. 12 kHz Reply Freq. 12 kHz

Enable 337703 Enable 567550

Disable 337720 Disable 567573

Release 335322 Release 551146

Recovery (release fired)

Date (day-mon-yr) 16-01-20 Time 1041 UTC

Latitude (N/S) 14 48.566' Longitude (E/W) 050 58.135'

Recovered by Pietro / Nasbroeck / Lastinger Recorder/Observer S. Bigorre

Ship and Cruise No. RB 20-01 Actual duration 583 days

Distance from waterline to buoy deck 75 cm

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Surface Components			
Buoy Type	<u>MOB</u>	Color(s) Hull	<u>Blue hull, yellow deck, white tower</u>
Buoy Markings _____			

Surface Instrumentation

Item	ID #	Height*	Comments
ASINET logger	205		PORT side, System 1.
HRH	258	238	
BPR	234	242	
WND	221	265	
PRC	235	244	
LWR	253	279.5	
SWR	213	279.5	Forward on center line.
SST	3601		SBE37.
Iridium	J10F2S		IMEI 300234063854580
ASINET logger	203		STBD side, System 3 (spare)
HRH	299	238	
BPR	213	242	
WND	210	265	
PRC	214	244	
LWR	221	279.5	
SWR	208	279.5	AFT on centerline.
SST	3604		SBE37.
Argos PTT	12785		IDS 15448, 15449, 15450.
Standalones:			
VWX	202	254	On centerline, front.
Lascar	10021028	198	PORT and MID buoy.
SBE39 AT	716	220	PORT side and FWD.
Rotronic HRH AT	20208420 12718277	241	Young shield, PORT and AFT.
Rotronic HRH AT	12718282	241	Barani shield, STBD and AFT

*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			1442	1910	
2	5	EM chain				1910	
3		SBE39	5	3479	1436	1922	
4		Nortek ADCM	5.7	12688	1436	1922	
5	79	7/16" wire					
6		SBE37	10	13409	1430	1924	
7		Nortek ADCM	13	12309	1430	1924	w vane, heads up
8		SBE39	15	7680	1430	1924	
9		SBE39	20	7681	1430	1924	
10		Nortek ADCP	24	12393	1430	1924	
11		SBE37 IM	25	13410	1430	1924	
12		SBE39	30	7682	1430	1924	
13		SBE39	35	7683	1442	1924	
14		SBE37 IM	40	13411	1443	1924	
15		SBE39	45	7684	1443	1924	
16		SBE39	50	7687	1448	1751	wire cut above @ array
17		SBE37 IM	55	13412	1449	1750	
18		SBE39	60	7688	1450	1750	
19		SBE39	65	7689	1452	1749	
20		SBE37 IM	70	13413	1456	1748	
21		SBE39	75	7690	1458	1746	
22		SBE39	80	7691	1503	1745	
23		RDI ADCP	85	23281	1507		No ADCP in cage (faulty instr/battery)
24	500	3/8" wire					
25		SBE39	90	7692	1508	1738	

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		SBE39	100	7693	1509	1738	
27		SBE39	110	7694	1511	1736	
28		Starmon Oddi	110	5275	1511	1736	
29		Starmon Oddi	120	5276	1512	1735	
30		Starmon Oddi	130	5277	1513	1734	
31		Starmon Oddi	140	5278	1514	1733	
32		Starmon Oddi	150	5279	1515	1732	
33		Starmon Oddi	160	5280	1516	1731	
34	500	3/8" wire			1529	1715	
35	500	3/8" wire			1544	1702	
36	200	3/8" wire			1559		
37	100	3/8" wire			1605		} encapsulated termination.
38	200	7/8" nylon			1610		
39	500	7/8" nylon			1635	1640	
40	2000	3/4" nylon				1630	
41	100	7/8" nylon					
42	1500	1" Colmega			1725	1530	
43		Glass balls (56)			1820	1420	3 broken balls at recovery
44		SBE37	4983	11380	2038	1401	} dualled on load bar.
45		SBE37	4983	11381	2038	1401	
46	5	1/2" chain					
47		acoustic release		51915	2039	1403	} dualled.
48		acoustic release		48277	2039	1403	
49	5	1/2" chain					
50	20	1" Samson Nyston					

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	5	1/2" chain			2053		7000 lbs dry (6000 lbs wet)
52		anchor			2053		
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