

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 18 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 10-01-20 Time 17:45 UTC
Deployed by Pietro/Hasbrauck Recorder/Observer Bigorre
Ship and Cruise No. Ron Braun RB 20-01 Intended Duration 365 days
Depth Recorder Reading 5018 m Correction Source historical sound
Depth Correction +37 m speed 1511 m s⁻¹ (not 1500)
Corrected Water Depth 5055 m Magnetic Variation (E/W) _____
Anchor Drop Lat. (N/S) 14° 44.728' Lon. (E/W) 050° 56.488'
Surveyed Pos. Lat. (N/S) 14° 44.581' Lon. (E/W) 050° 56.706'
Argos Platform ID No. _____ Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech 8242XS Tested to 2,000 m

Release No. 1 (sn) <u>30844</u>	Release No. 2 (sn) <u>33041</u>
Interrogate Freq. <u>11 kHz</u>	Interrogate Freq. <u>11</u>
Reply Freq. <u>12 kHz</u>	Reply Freq. <u>12</u>
Enable <u>166 475</u>	Enable <u>314 277</u>
Disable <u>166 504</u>	Disable <u>314 306</u>
Release <u>151330</u>	Release <u>332235</u>

* Recovery (release fired) *buoy adrift, mooring user recovered separately

Date (day-mon-yr) 24-OCT-2020 Time 1214 UTC
Latitude (N/S) 14° 45.300 N Longitude (E/W) 50° 57.427 W
Recovered by Hasbrauck/Pietro Recorder/Observer Plueddemann
Ship and Cruise No. RB-20-06 Actual duration _____ days
Distance from waterline to buoy deck ~~70~~ 75 cm

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Surface Components

Buoy Type MOB Color(s) Hull Tower Blue hull, yellow deck, white tower

Buoy Markings If found adrift, contact Woods Hole Oceanographic Institution, Woods Hole MA 02543 USA, 508 457 1401

Surface Instrumentation

Item	ID #	Height*	Comments
ASINET logger	L16		Port side
HRH	223	231	
BPR	216	240	
WND	225	266	
PRC	210	254	
LWR	206	283	
SWR	214	283	
SST	3602		SBE37
Iridium	J10C2M		imei 3002 3406 3167 170
ASINET logger	L12		Starboard side
HRH	246	231	
BPR	240	240	
WND	344	266	
PRC	702	254	
LWR	256	283	
SWR	215	283	
SST	1419		SBE37
Iridium	J10D2M		imei 3002 3406 3164 170
Standalone WXT	209	248 (white rings)	
SA Lascar AT/HRH	32208	200	
SA SBE39 AT	1446	229	
CAMPBELL HRH		231	
CAMPBELL BPR		217	
CAMPBELL PRC		254	
CAMPBELL LWR		282.5	

*Height above buoy deck in centimeters

CAMPBELL SWR | | 282.5 | 2

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Subsurface Instrumentation on Buoy and Bridle			
Item	ID #	Depth†	Comments
SST SBE 56	6980	85	FWD (Bow)
SST SBE 56	6981	95	FWD (Bow)
SST SBE 56	6979	92	Port (315°)
SST SBE 56	6982	92	Starboard (045°)
WANDAS	4003		
Brizzo	116		imei 3001 2506 0055 060
SIN	1		imei 3002 2401 0043 720
Xeos kilo			3002 3406 2644 350
Xeos Nelo			3000 3401 3709 960
Xeos Rover			3004 3406 3297 420
Xeos Rover			3004 3406 3547 190
†Depth below buoy deck in centimeters			

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
1		buoy			1240	1322 10/20/2020	buoy adrift 4-28-2020 recovered 10-20-2020
2	5	EN chain				1558	
3		SBE39	5	8743	1239	1625	
4		Nortek ADCP	5.7	9407	1239	1625	
5		RBR Solo-D	6m	78197	1239	1625	
6	79	7/16" wire					
7		SBE37 IM	10	669	1239	1650	inductive, clamped
8		Nortek ADCP	13	5973	1239	1818	inductive, clamped
9		SBE39	15	7697	1239	1825	clamped
10		SBE39	20	7695	1239	1854	clamped
11		Nortek ADCP	24	12391	1239	1855	clamped
12		SBE37 IM	25	683	1239	1856	inductive, clamped, poss. broken magnet coil on recovery
13		SBE39	30	8744	1239	1857	clamped
14		SBE39	35	8745	1239	1858	clamped
15		SBE37 IM	40	684	1241	1859	inductive, clamped
16		SBE39	45	8746	1243	1900	clamped
17		SBE39	50	8747	1248	1901	clamped
18		SBE37 IM	55	685	1249	1902	inductive, clamped
19		SBE39	60	8748	1254	1903	clamped
20		SBE39	65	8749	1256	1904	clamped
21		SBE37 IM	70	686	1258	1905	inductive, clamped
22		SBE39	75	8750	1300	1907	clamped
23		SBE39	80	8751	1306	1907	clamped
24		RBR Solo-D	83	78198	1308	1908	clamped
25		RDI ADCP	85	23281	1308	1908	upward looking

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	500	3/8" wire		17165-2		1908	time back is for upper termination
27		SBE39	90	8752	1308	1911	clamped
28		SBE39	100	8753	1313	1914	clamped
29		SBE39	110	8754	1316	1916	clamped
30		Star-oddi	110	5282	1316	1916	clamped
31		Star-oddi	120	5283	1318	1916	clamped, recovered at 110m slid up the wire
32		Star-oddi	130	5284	1319	1918	clamped
33		Star-oddi	140	5285	1320	1919	clamped
34		Star-oddi	150	5286	1322	1920	clamped
35		Star-oddi	160	5287	1322	1921	clamped
36	500	3/8" wire		19027-4		1932	
37	500	3/8" wire		19027-3	1339	1946	mooring break approx 1/2 way through this wire shot
38	200	3/8" wire			1407	1710	mooring riser recovery 24-OCT-2020
39	100	3/8" wire			1418	1705	} encapsulated termination
40	200	7/8" nylon				1700	
41	500	7/8" nylon			1440	1641	} spliced at sea
42	2000	3/4" nylon					
43	100	7/8" nylon				1603	
44	1500	1" Colmaga			1510	1533	
45		glass balls (56)			1630 (end)	1410	3 broken on recovery
46	5	SBE37	5017	11392	1740	1424	} Deep T/S for OSITES on load bar
47		SBE37	5017	11393	1740	1424	
48	5	1/2" chain					
49		acoustic release		30844	1742	1429	} dualled
50		acoustic release		33041	1742	1429	

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	5	1/2" chain					
52	20	1" Nylon					
53	5	1/2" chain					
54		anchor			1745	174	air weight ~ 7,000 lbs
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