

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS-19 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 22-Oct-2020 Time 1903 UTC

Deployed by Pietro/Hasbrouck Recorder/Observer Plueddemann

Ship and Cruise No. R. Brown RB-20-06 Intended Duration 365 days

Depth Recorder Reading _____ m Correction Source XBT sound speed

Depth Correction _____ m profile for multi-beam

Corrected Water Depth 4985 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 14° 49.445 Lon. (E/W) 51° 00.781

Surveyed Pos. Lat. (N/S) 14° 49.475 Lon. (E/W) 51° 00.963

Argos Platform ID No. N/A (Iridium) Additional Argos Info on pages 2 and 3

Acoustic Release Model Edgetech 8242 BACS Tested to 500 m

Release No. 1 (sn) 33411 Release No. 2 (sn) 48282

Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz

Reply Freq. 12 kHz Reply Freq. 12 kHz

Enable 361167 Enable 570013

Disable 361205 Disable 570030

Release 346426 Release 551262

Recovery (release fired)

Date (day-mon-yr) 11.13.2021 Time 14:22 UTC

Latitude (N/S) 14 49.364' Longitude (E/W) 051° 01.362'

Recovered by Cole/Graham Recorder/Observer S. Bigorre

Ship and Cruise No. PC 21-07 Actual duration 387 days

Distance from waterline to buoy deck 70cm

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Surface Components

Buoy Type MOB Color(s) Hull Tower blue hull, yellow deck

Buoy Markings If sound exist... WHOI 508-457-1401

Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET LGR	205	—	port side
HRH	505	230	PIC-24, SD card
BPR	203	240	PIC-24, SD card
WND	346	260	replaced w/SN 221 } damaged on replaced w/SN 215 } deployment
PRC	504	260	
LWR	253	282	
SNR	216	282	
SST	1725	-150	
Iridium			IMEI 300234063854580
ASIMET LGR	203	—	
HRH	258	230	
BPR	502	240	
WND	210	260	
PRC	218	260	
LWR	214	282	
SNR	253	282	
SST	1305	-150	
Iridium			IMEI 300234063341510
WXT	202	245	
SBE39-AT	5272	230	
Lascar	1111	230	

*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			1311	2025	PRC broken on deployment both lights on at recovery
2	5	EM chain					
3		SBE-39	5	7680	1311	2040	
4		Nortek CM	5.7	12688	1311	2040	or S/N 117249 (recovered)?
5	79	7/16" wire					
6		SBE-37	10	13409	1312	2040	IM
7		Nortek CM	13	16085	1312	2111 on deck	IM (sailed)
8		SBE 39	15	7681	1312	2112 deck	
9		SBE 39	20	7682	1312	2116 deck	
10		Nortek ADCP	24	15795	1312	2118 deck	uplooking) entangled with several
11		SBE-37	25	13410	1312	2118 deck	IM) line of fishing gear
12		SBE-39	30	7683	1313	2119	
13		SBE-39	35	7684	1313	2119	
14		SBE 37	40	13411	1315	2119	IM
15		SBE 39	45	7687	1315	2119	
16		SBE 39	50	7688	1315	2119	
17		SBE 37	55	13412	1319	1948	IM
18		SBE 39	60	7689	1323	1947	
19		SBE 39	65	7690	1325	1946	
20		SBE 37	70	13413	1329	1944	IM
21		SBE 39	75	7691	1331	1943	
22		SBE 39	80	7693	1333	1941	brought back after instr 55 in recovered and let free
23		ROI ADCP	85	23281	1338	1935	uplooking
24	500	3/8 wire		2125	1338		
25		SBE 39	90	7694	1340	1933	

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		SBE 39	100	7696	1342	1932	
27		star-codli	110	5275	1343	1931	Very fuzzy
28		star-codli	120	5276	1344	1930	
29		star-codli	130	5277	1346	1930	Fuzz starts here
30		star-codli	140	5278	1347	1929	
31		star-codli	150	5279	1348	1928	
32		star-codli	160	5280	1349	1928	
33	500	3/8 wire		20090-2	1408	1915 start	huckle in shackle
34	500	3/8 wire		20090-1	1426	1910	start
35	200	3/8 wire		19027-5	1443	19	
36	100	3/8 wire		19027-6	1449	1905] special termination encapsulated
37	200	7/8 nylon			1454		
38	500	7/8 nylon			1511		
39	2000	3/4 nylon					
40	100	7/8 nylon				1830	
41	1500	1" colmega			1550	1800	→ start hauling in on drum
42		glass balls			1634	1716	44444 44444 4444 = 56 6 broken balls
43		SBE 37		12246	1821	1716] 38m above bottom
44		SBE 37		12247	1821	1716	
45	5	1/2 chain					
46		release		33411	1827	1718] dual releases on load bracket
47		release		48282	1827	1718	
48	5	1/2 chain					
49	20 5	1" nylon 1/2 chain					
50		Anchor			1903		

