

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS-13 MOORED STATION NO. 1266

Launch (anchor over)

Date (day-mon-yr) 22-Oct-2013 Time 22:58 UTC

Deployed by Pietro Recorder/Observer Plueddemann

Ship and Cruise No. RB-13-05 Intended Duration 12 mo

Depth Recorder Reading 4975 m Correction Source Kongsberg EM122
climatology + TSG sensors

Depth Correction N/A m

Corrected Water Depth 4975 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 14° 49.617' N Lon. (E/W) 51° 00.838' W

Surveyed Pos. Lat. (N/S) 14° 49.515' N Lon. (E/W) 51 01.003' W

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

Acoustic Release Model ^{ORE} Edgetech 8242 Tested to 1500 m

Release No. 1 (sn) 31270 Release No. 2 (sn) 31269

Interrogate Freq. 11 Interrogate Freq. 11

Reply Freq. 12 Reply Freq. 12

Enable 460320 Enable 460272

Disable 460345 Disable 460303

Release 444176 Release 444155

Recovery (release fired)

Date (day-mon-yr) 15 Dec 2014 Time 12:00 UTC

Latitude (N/S) 14° 49.628' Longitude (E/W) 51° 1.479'

Recovered by Pietro B. / Smith J. Recorder/Observer Bigorre S.

Ship and Cruise No. Endeavor EN549 Actual duration 315 (mooring break) days

Distance from waterline to buoy deck 75 cm 419 (release)

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Surface Components			
Buoy Type	<u>MOB</u>	Color(s)	<u>blue hull, yellow deck, white tower</u>
	<u>2.7 m foam hull</u>	Hull	
Buoy Markings	<u>WHOI</u>	<u>508-548-1401</u>	<u>USA</u>

Surface Instrumentation

Item	ID #	Height* cm	Comments
ASIMET Lgr	<u>L03 (sys 1)</u>	<u>buoy well</u>	<u>port side</u>
HRH	<u>226</u>	<u>94 238.76</u>	
BPR	<u>207</u>	<u>94 238.76</u>	
WND	<u>210</u>	<u>105 266.7</u>	
PRC	<u>215</u>	<u>100 254</u>	
LWR	<u>207</u>	<u>278.13</u>	
SWR	<u>221</u>	<u>278.13</u>	
SST	<u>3601</u>		
PTT	<u>12785</u>	<u>in-well</u>	<u>ID's 15448, 15449, 15450</u>
ASIMET Lgr	<u>L05 (sys 2)</u>	<u>buoy well</u>	<u>starboard side</u>
HRH	<u>501</u>	<u>238.76</u>	
BPR	<u>505</u>	<u>238.76</u>	
WND	<u>219</u>	<u>266.7</u>	
PRC	<u>208 212</u>	<u>259.08</u>	
LWR	<u>208</u>	<u>278.13</u>	
SWR	<u>211</u>	<u>278.13</u>	
SST	<u>2054</u>		
PTT	<u>14623</u>	<u>buoy well</u>	<u>ID's 15441, 15442, 15444</u>
Lascaf	<u>307</u>		
SBE-39 AT	<u>5270</u>		
Vaisala WXT	<u>004</u>		
Xeos Melo			<u>IMEI 300034012615100</u>

*Height above buoy deck in centimeters

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10/22/13

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes * for Recovery, see comments on last page
1		buddy	0	-	1728		
2	5m	EM chain	-	-	1728		
3		SBE-39	5	3479 4462	1728		
4		Nortek	5.7	9407	1728		
5		RBR 2050P	6	21589	1725		
6	79	7/16 wire	-	12104-6	1725		BREAK POINT (cable failed near swage)
7		SBE 39	10	4462	1719		IM
8		Nortek	13	6108	1719		IM, vane, heads up
9		SBE 39	15	266	1719		
10		SBE 39					
11		RBR 2050P	16	21590	1719		
12		Nortek	18	6855	1719		
13		SBE 39	20	635	1720		
14		SBE 37	25	671	1720		IM
15		RBR 2050P	26	21591	1720	1803	imploded, casing open
16		SBE 39	30	743	1720		
17		SBE 39	40	744	1720		
18		SBE 37	45	683	1728		IM
19		RBR 2050P	46	21592	1730		
20		SBE 39	50	745	1730		
21		SBE 39	60	746	1738		
22		SBE 37	65	685	1742		IM, no trawl guard
23		SBE 39	70	747	1745		
24		SBE 39	80	4463	1752		IM
25		ADCP	85	2601	1752	1830	300kHz, heads up imploded

ARRAY NAME AND NO. NTAS-13 MOORED STATION NO. 12-6

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	500	3/8 wire	—	13079-1	1754		
27		SBE 39	90	749	1754		
28		SBE 39	100	751	1756		
29		SBE 39	110	752	1758		
30		Starmon	110	272	1758		
31		Starmon	120	273	1800		
32		Starmon	130	287	1801		
33		Starmon	140	288	1802		
34		Starmon	150	492	1802		
35		Starmon	160	493	1803		
36	500	3/8 wire	—	13079-3	1826		
37	500	3/8 wire	—	12104-2	1845		
38	200	3/8 wire	—	13079-4	1904		
39	100	3/8 wire	—	13147-1	1911		
40	200	7/8 nylon	—	—	1915		
41	500	7/8 nylon	—	—	1932		
42	2000	3/4 nylon	—	—		1601	
43	100	7/8 nylon	—	—	2022		
44	1500	1" colmega	—	—	2024		
45		glass balls		start end	2120 2140	13.38	counted 14 strings of 4 = 56 balls balls come in cluster (RCVR)
46		SBE 16		2323	2237	1354	} 30m off bottom no poison plugs
47		SBE 16		2324	2237	1354	
48	5	1/2 chain	—	—	2237		
49		release		31269	2239	1354	
50		release		31270	2239	1354	

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
51	5	1/2 chain	—	—	2240		
52	20	1" nyston		—	2240		
53	5	1/2 chain	—	—	2258		
54		Anchor			2258		
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ARRAY NAME AND NO. _____ MOORED STATION NO. _____

Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
76							
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80							
81							
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100							

ARRAY NAME AND NO. _____

MOORED STATION NO. _____

Date/Time	Comments
<u>RCVRY:</u> 1631 12/15/14	Nylon starts being colored by mud
1338	Glass balls back on deck in clusters
	Only one glass ball imploded