

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 15 MOORED STATION NO. _____

Launch (anchor over)

Date (day-mon-yr) 2-2-2016 Time 1909 UTC

Deployed by Ryder / Smith Recorder/Observer Bigorre

Ship and Cruise No. Endeavor EN573 Intended Duration 365 days

Depth Recorder Reading 4945 (12kHz) m Correction Source Matthews table

Depth Correction +38m m

Corrected Water Depth 4983 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 14° 49.429' Lon. (E/W) 51° 00.819'

Surveyed Pos. Lat. (N/S) 14° 49.50' Lon. (E/W) 51° 00.978'

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

Acoustic Release Model Edgetech 8242 XS Tested to 1,500 m

Release No. 1 (sn) 35321 Release No. 2 (sn) 35322

Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz

Reply Freq. 12 kHz Reply Freq. 12 kHz

Enable 111552 Enable 111613

Disable 111571 Disable 111630

Release 127524 Release 127541

Recovery (release fired)

Date (day-mon-yr) 31 January 2017 Time 1141 UTC

Latitude (N/S) 14 49.715 Longitude (E/W) 51 00.91

Recovered by B. Pietro Recorder/Observer S. Bigorre

Ship and Cruise No. Endeavor, EN590 Actual duration 364 days

Distance from waterline to buoy deck 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
Woods Hole, MA 02543 USA 508-457-1401

Surface Instrumentation

Item	ID #	Height*	Comments
ASIMET logger	05		Starboard's J-box
HRH	232	235	
BPR	216	244	
WND	241	270	
PRC	213	235	
LWR	205	280	
SWR	213	280	
SST	3601	-153	forward stbd
PTT	14623		
ASIMET logger	06		Port's J-box
HRH	257	237	
BPR	212	244	
WND	239	270	
PRC	219	235	
LWR	208	280	
SWR	503	280	
SST	3604	-153	forward port
PTT	67720		
SBE39AT	5270	225	
LASCAR		208	
VWX	006	258	
XEOS Aelo			300034013709960

*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	0		1308	1920	buoy bumped ship during approach, near HRH port side.
2	5	EM chain					
3		SBE39	5	3479	1308	1934	
4		NORTEK ADCM	5.7	12688	1308	1934	
5		RBR SOLO-D	6	78197	1306	1934	
6	79	7/16 wire					15187-7
7		SBE 37 IM	10	13409	1306	1936	no copper guard
8		NORTEK ADCM-IM	13	12309	1306	1936	looks up with vane
9		SBE 39	15	7680	1306	1936	
10		SBE 39	20	7681	1306	1936	
11		NORTEK ADCP	24	12393	1306	1936	
12		SBE 37 IM	25	13410	1306	1936	no copper guard
13		SBE 39	30	7682	1306	1936	
14		SBE 39	35	7683	1306	1936	
15		SBE 37 IM	40	13411	1306	1936	no copper guard
16		SBE 39	45	7684	1306	1822	wire cut for buoy recovery
17		SBE 39	50	7687	1306	1822	
18		SBE 37 IM	55	13412	1306	1821	no copper guard
19		SBE 39	60	7688	1314	1820	
20		SBE 39	65	7689	1315	1819	
21		SBE 37 IM	70	13413	1317	1817	no copper guard
22		SBE 39	75	7690	1318	1817	
23		SBE 39	80	7691	1325	1816	
24		RBR SOLO-D	83	78198	1325	1814	
25		RDI ADCP	85	23281	1328	1809	looks up clamps slid up recently

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26	500	3/8 wire				start 1743	15187-2
27		SBE 39	90	7692	1329	1807	
28		SBE 39	100	7693	1329	1806	
29		SBE 39	110	7694	1330	1805	} paired with star-odd
30		Starmon oddi	110	5275	1330	1805	
31		Starmon oddi	120 110	5276	1331	1804	
32		Starmon oddi	130	5277	1331	1803	
33		Starmon oddi	140	5278	1331	1802	furry growth, but nothing above or below!
34		Starmon oddi	150	5279	1333	1800	
35		Starmon oddi	160	5280	1334	1800	
36	500	3/8 wire					14032-2
37	500	3/8 wire				1720 (start)	15187-3
38	200	3/8 wire					14032-4
39	100	3/8 wire			1420	1710	} encapsulated termination 14032-6
40	200	7/8 nylon					
41	500	7/8 nylon					
42	2000	3/4 nylon					
43	100	7/8 nylon				1520	
44	1500	1" Colmega				1430	
45		glass balls (56)			1710	1315 1330	 1 glass ball broken. In basket at 1415
46		SBE 16	38 m above	2323	1721	1330	} paired
47		SBE 16	bottom	2324	1721	1330	
48	5	1/2" chain					
49		release		35321		1335	} paired
50		release		35322		1335	

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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" nystron					
53	5	1/2" chain					
54		anchor					
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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
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