

Moored Station Log

(fill out log with black ball point pen only)

ARRAY NAME AND NO. NTAS 14 MOORED STATION NO. 1268

Launch (anchor over)

Date (day-mon-yr) 13-12-14 Time 18:27 UTC

Deployed by Ben Pietro Recorder/Observer Sebastien Bigorre

Ship and Cruise No. Endeavor EN549 Intended Duration 12 months

Depth Recorder Reading 4989 (12kHz) m Correction Source Matthews table

Depth Correction + 38 m m

Corrected Water Depth 5027 m Magnetic Variation (E/W) _____

Anchor Drop Lat. (N/S) 14° 44.72' Lon. (E/W) 50° 57.6'

Surveyed Pos. Lat. (N/S) 14° 44.64' Lon. (E/W) 50° 57.71'

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

Acoustic Release Model Edgetech 8242 Tested to 500 m

Release No. 1 (sn) 32483 Release No. 2 (sn) 33036

Interrogate Freq. 11 kHz Interrogate Freq. 11 kHz

Reply Freq. 12 kHz Reply Freq. 12 kHz

Enable 114703 Enable 314022

Disable 114720 Disable 314047

Release 132174 Release 332111

Recovery (release fired)

Date (day-mon-yr) 4-Feb-2016 Time 1408 UTC

Latitude (N/S) _____ Longitude (E/W) _____

Recovered by Ryder / Smith Recorder/Observer Bigorre

Ship and Cruise No. Endeavor EN573 Actual duration 418 days

Distance from waterline to buoy deck 75 cm

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Surface Components			
Buoy Type	<u>MOB</u>	Color(s)	<u>blue hull, yellow deck, white tower</u>
Buoy Markings	<u>If found adrift contact Woods Hole Oceanogr hic Woods Hole, 11A 02543 U 508-58-141</u>		
Surface Instrumentation			
Item	ID #	Height*	Comments
<u>ASINET Lgr</u>	<u>L16</u>	<u>buoy well</u>	<u>port side</u>
<u>HRH</u>	<u>231</u>	<u>233</u>	
<u>BPR</u>	<u>217</u>	<u>237</u>	
<u>WND</u>	<u>206</u>	<u>268</u>	
<u>PRC</u>	<u>214</u>	<u>239</u>	
<u>LWR</u>	<u>254</u>	<u>280</u>	
<u>SWR</u>	<u>212</u>	<u>280</u>	
<u>SST</u>	<u>3605</u>		
<u>PTT</u>	<u>18128</u>		
<u>ASIDE Lgr</u>	<u>L12</u>	<u>buoy well</u>	<u>stbd side</u>
<u>HRH</u>	<u>221</u>	<u>233</u>	
<u>BPR</u>	<u>219</u>	<u>237</u>	
<u>WND</u>	<u>207</u>	<u>268</u>	
<u>PRC</u>	<u>210</u>	<u>239 270</u>	
<u>LWR</u>	<u>209</u>	<u>280</u>	
<u>SWR</u>	<u>214</u>	<u>280</u>	
<u>SST</u>	<u>1836</u>		
<u>PTT</u>	<u>67720</u>		
<u>VWX</u>	<u>5</u>	<u>250</u>	
<u>Lascar</u>	<u>10021813</u>	<u>226</u>	
<u>SBE 39AT</u>	<u>5272</u>	<u>212</u>	
<u>XEOS Melo</u>			<u>INET 300034013707760</u>
*Height above buoy deck in centimeters			

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Subsurface Instrumentation on Buoy and Bridle			
Item	ID #	Depth†	Comments
SST	75556	95	RBR solo, 120° (port)
SST	75557	85	RBR solo, 180° (fwd)
SST	75558	95	RBR solo, 180° (fwd)
SST	75559	95	RBR solo, 240° (stbd)
WAMDAS	6015	buoy hull	IMEI: 300124000010620 SIM: 8988169312002051328 NDRC #: 41NT0
SIS/Sable			XEOS IMEI 300034013905090
Iridium(S) ↳ L16	43720		IMEI 300224010043720
Iridium			
†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	0		12:50	2230	
2	5m	EM chain			12:48		
3		SBE ₃₉	5	539	12:48	2238	
4		Nortek ADCM	5.7	9467	1248	2307	heads up growth on 2 outside eyes
5		SBE ₃₉	10	4465	1248	2258	IM
6		Nortek ADCM	13	5973	1248	2300	IM heads up fuzzy growth on eyes
7		SBE ₃₉	15	545	1252	2304	
8		Nortek ADCM	18	432	1252	2307	heads up no desitin left on center beam
9		SBE ₃₉	20	546	1252	2308	
10		SBE ₃₇	25	669	1252	2309	IM
11		RBR Duo CT	26	61568	1252	2310	
12		SBE ₃₉	30	631	1252	2311	
13		SBE ₃₉	40	677	1252	2313	
14		SBE ₃₇	45	684	1252	2314	IM
15		SBE ₃₉	50	678	12:50 55	2316	
16		SBE ₃₉	60	680	12:59	2318	
17		SBE ₃₇	65	686	1301	2319	IM
18		SBE ₃₉	70	681	1303	2320	
19		SBE ₃₉	80	4466	1305	2324 2258	IM wrong 54465
20		RDI ADCP	85	2125	1312	2144	heads up light cover of fuzz algae, incl
21	78	7/16 wire					wire length marked 79 heads
22	500	3/8 wire					
23		SBE ₃₉	90	684	1315	2144	
24		SBE ₃₉	100	750	1317	2143	
25		SBE ₃₉	110	3480	1319	2141	

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Item No.	Length (m)	Item	Depth	Inst No.	Time Over	Time Back	Notes
26		Starmon	110	3167	1319	2141	
27		Starmon	120	3168	1320	2140	
28		Starmon	130	3169	1320	2139	
29		Starmon	140	3170	132130	2138	
30		Starmon	150	3171	132245	2137	
31		Starmon	160	3791	132310	2136	
32	500	3/8 wire		14033	1335		
33	500	3/8 wire		13079-2	1352		
34	200	3/8 wire		121044	1409		
35	100	3/8 wire		121045	1417		} encapsulated termination
36	200	7/8 nylon			1423	2045	
37	500	7/8 nylon			1459	1935	
38	2000	3/4 nylon			1515	1935	
39	100	7/8 nylon					
40	1500	1" Colmega			1615		end colmega 16:45 recovery: start 1615, end 1740 (includes 30 min stop)
41		glassballs (56)		start end	1741	1533	@ recovery
42		SBE 37	4989	11392	1750	1555	
43		SBE 37	4989	11393	1750	1555	
44	5	1/2" chain					
45		release		32483	1800	1557	
46		release		33036	1800	1557	
47	5	1/2" chain					
48	20	1" nystro					
49	5	1/2" chain					
50		Anchor			1427 1427 5		14° 44.72' 50° 57.6' depth 4992 m (+38)

← unspool TSE @ recovery

1827 UTC