

Next Generation Deployment Log

Site	8S 30W	Mooring ID	TM402
Cruise	PI3-17-AN	Date (GMT)	11/3/2017
Personnel	ARLINO, FREITAS, PAVANI, MARTON, MELO, SILVA		
Mooring Type	TAUT	Jul Anch Date	17307
Latitude	7°58.14' S	Longitude	030°35.81' W
		Corr Depth	5396

Deployment Start (GMT)

Time	06:00:00	Date	11/3/2017
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Hardware	Twr, Br, Toroid S/N	4-24-89	Insert ?	
	Anti-theft Cage ?	YES	Fairing Depth	

Tube	Tube SN	792	PTT Id	6796
	Time Zone		Software Ver	

Meteorological Sensors

	Type	S/N
AT/RH	Rotronics	133407
Rain	RMYoung	1809
SW Radiation	Eppley	35778
LW Radiation	Eppley	
SeaCat		
Baro Pressure	PAROS	
Wind	RMYoung	101130

Subsurface Sensors

Instrument Depths

Special

OTN SN	113053	OTN Depth	200	OTN Time In	06:47:00
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Depth	Type	Address	S/N	Time In	Comments
1	SSC	0	15218	06:14:00	
20	TC	1	15827	06:14:00	INV
40	TC	2	14882	06:14:00	INV
60	T	3	13286	06:14:00	INV
80	T	4	13945	06:14:00	
100	T	5	13644	06:15:00	
120	TC	6	15842	06:26:00	
140	T	7	13708	06:29:00	
180	T	8	14698	06:34:00	
200	OTN		113053	06:47:00	OTN
300	TP	9	12850	06:48:00	
500	TP	10	14901	06:58:00	

Subsurface Continued:

Depth	Type	Address	S/N	Time In	Comments	
						↕
						↕
						↕
						↕
						↕
						↕
						↕
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						↕
						↕
						↕
						↕
						↕
						↕
						↕

Nylon & Subsurface

Nylon Below release
Hardware Ln
Projected Scope
Top Section SN
Top Section Usage

50
9
0.985
799
first use

Wire S/N

PI-17-15
1000

Wire Length

Wire Deployment ☒ 1st
☐ 2nd

	S/N or Poly	Length
1	Z347	632
2	Z340	647
3	Z217	563
4	Z295	648
5	Z344	652
Total nylon		4257
Mooring length		5316.0

(All Nylon, Nilspin and Hardware)

	S/N or Poly	Length
6	Z214	555
7	Z241	560
8		
9		
10		
Target Depth		5400
Calculated Cut Length		3.00

EG & G Releases

	Type	S/N	Int Freq	Reply Freq	Release	Disable	Enable
Release 1	8242AA	30631	11	12	142374	137340	137325
Release 2							

Anchor Drop

Latitude	7° 58'04.92"	Anchor weight	4480 lbs
Date	11/3/2017	Longitude	30° 34' 50.16"
Range to Buoy		Time	10:38:00
Tow Time	00:32:00	Bearing To Buoy	
Total Time	04:38:00	Tow Distance	1080 m

Flyby

	Latitude		Longitude	
Buoy	7°58.14' S		030°35.81' W	
Anchor				
Uncorrected Depth	5396	(from Matthew's Table)		
Depth Correction				
Transducer Depth				
Corr Depth	5396		Final Scope	0.985

Meteorological Observation

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/3/2017	12:15:00	112	15.6	28.1	27.05	36.2	69
Buoy								

Deployment Comments

We couldn't talk to the buoy after the deployment because there wasn't answer from 6796 PPT data from 792 Tube. This problem has occurred during the test of this buoy but it had worked changing the antenna place.