

Next Generation Deployment Log

Site	12N 38W	Mooring ID	TM400T
Cruise	PI3-17-AN-2	Date (GMT)	11/25/2017
Personnel	Arlino, Freitas, Melo, Silva, Alvarez		
Mooring Type	TAUT	Jul Anch Date	17329
Latitude	11 30.22 N	Longitude	037 59.75 W
		Corr Depth	4826

Deployment Start (GMT)

Time	19:20:00	Date	11/25/2017
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Hardware

Twr, Br, Toroid S/N	9.9.90	Insert ?	
Anti-theft Cage ?	YES	Fairing Depth	

Tube

Tube SN	773	PTT Id	19100
Time Zone	GMT + 3	Software Ver	

Meteorological Sensors

	Type	S/N
AT/RH	Rotronics	58370
Rain	RMYoung	1262
SW Radiation	Eppley	35955
LW Radiation	Eppley	-
SeaCat		-
Baro Pressure	PAROS	-
Wind	RMYoung	88422

Subsurface Sensors

Instrument Depths

Special

OTN SN	112324	OTN Depth	200	OTN Time In	19:37:00
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Depth	Type	Address	S/N	Time In	Comments
1	SSC	0	15065	19:20:00	
20	T	1	15854	19:20:00	INVERTED
40	T	2	15646	19:20:00	INVERTED
60	T	3	13949	19:20:00	INVERTED
80	T	4	14986	19:20:00	
100	T	5	14253	19:21:00	
120	T	6	15618	19:21:00	
140	T	7	13801	19:26:00	
180	T	8	14987	19:31:00	
200	-	-	112324	19:37:00	OTN HIDROPHONE
300	TP	9	13681	19:45:00	
500	TP	10	15382	19:53:00	

Subsurface Continued:

[illegible]

Nylon & Subsurface

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

50
9
0.985
672
second use

Wire S/N

PI-1416

Wire Length

1000

Wire Deployment ● 1st

○ 2nd

	S/N or Poly	Length
1	Y859	600
2	Y700	586
3	Y693	604
4	Y681	611
5	Y916	597

Total nylon	3694
Mooring length	4753.0

(All Nylon, Nilspin and Hardware)

	S/N or Poly	Length
6	Z179	656
7	CUT	40
8		
9		
10		

Target Depth	4826
Calculated Cut Length	0.61

EG & G Releases

	Type	S/N	Int Freq	Reply Freq	Release	Disable	Enable
Release 1	8242	34824	11	12	146460	164163	164140
Release 2							

Anchor Drop

Latitude	11° 30.9606 N	Anchor weight	4480 lbs
Date	11/25/2017	Longitude	037° 58.6944 W
Range to Buoy		Time	23:10:00
Tow Time	00:25:00	Bearing To Buoy	
Total Time	03:50:00	Tow Distance	

Flyby

	Latitude		Longitude	
Buoy	11 30.22 N		037 59.75 W	
Anchor				
Uncorrected Depth	4826	(from Matthew's Table)		
Depth Correction	0			
Transducer Depth	0			
Corr Depth	4826		Final Scope	0.985

Meteorological Observation

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/25/2017	23:18:00	46	6,3	26,4	27,91	35,50	78
Buoy	11/25/2017		45	5.5	27.0	27.8	55.5	80

Deployment Comments

[illegible]