

Next Generation Deployment Log

Site	8N 38W	Mooring ID	TM401-T
Cruise	PI3-17-an	Date (GMT)	11/19/2017
Personnel	Arlino, Pavani, Marton, Freitas, Melo, Silva, Alvarez		
Mooring Type	TAUT	Jul Anch Date	17323
Latitude	07 56.953 N	Longitude	038 02.333 W
		Corr Depth	4125

Deployment Start (GMT)

Time	12:17:00	Date	11/19/2017
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Hardware

Twr, Br, Toroid S/N	2B.98	Insert ?	NO
Anti-theft Cage ?	YES	Fairing Depth	NO

Tube

Tube SN	734	PTT Id	19111
Time Zone	GMT + 3	Software Ver	

Meteorological Sensors

	Type	S/N
AT/RH	Rotronics	500590
Rain	RMYoung	1179-4
SW Radiation	Eppley	35959
LW Radiation	Eppley	-
SeaCat		-
Baro Pressure	PAROS	-
Wind	RMYoung	70636

Subsurface Sensors

Instrument Depths

OTN SN	114727	OTN Depth	200	OTN Time In	12:38:00
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Depth	Type	Address	S/N	Time In	Comments
1	SSC	0	13263	12:17:00	
20	TC	1	11825	12:17:00	
40	TC	2	14861	12:17:00	
60	T	3	13671	12:17:00	
80	T	4	13100	12:18:00	
100	T	5	13617	12:18:00	
120	TC	6	15568	12:23:00	
140	T	7	13690	12:26:00	
180	T	8	13426	12:33:00	
200	OTN		114727	12:38:00	
300	TP	9	13378	12:44:00	
500	TP	10	15278	12:53:00	

Subsurface Continued:

[illegible]

Nylon & Subsurface

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

50
9
0.985
753
second use

Wire S/N

Wire Length

Wire Deployment

X

1000

1st

○ 2nd

	S/N or Poly	Length
1	Z342	645
2	Z109	570
3	Z245	570
4	Z206	645
5	RS260	570

Total nylon	3000
Mooring length	4059.6

(All Nylon, Nilspin and Hardware)

	S/N or Poly	Length
6		
7		
8		
9		
10		

Target Depth	4125
Calculated Cut Length	4.13

EG & G Releases

	Type	S/N	Int Freq	Reply Freq	Release	Disable	Enable
Release 1	8242	34685	11	12	143251	155652	155637
Release 2							

Anchor Drop

Latitude	07° 56,794'	Anchor weight	4480 lbs
Date	11/19/2017	Longitude	038° 01,689'
Range to Buoy		Time	15:55:00
Tow Time	00:25:00	Bearing To Buoy	
Total Time	03:38:00	Tow Distance	0.5NM

Flyby

	Latitude		Longitude	
Buoy	07 56.953 N		038 02.333 W	
Anchor				
Uncorrected Depth	4125	(from Matthew's Table)		
Depth Correction	0			
Transducer Depth	0			
Corr Depth	4125		Final Scope	0.984

Meteorological Observation

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/19/2017	17:13:00	060	9	28,7	28,48	35,42	70
Buoy								

Deployment Comments

It was not possible to communicate with the buoy and receive the meteorological data.