

Next Generation Deployment Log

Site	15N 38W	Mooring ID	TFLEX 39 (27 HEX)
Cruise	PI3-17-AN-2	Date (GMT)	11/23/2017
Personnel	Arlino, Freitas, Melo, Silva, Alvarez		
Mooring Type	TAUT	Jul Anch Date	17327
Latitude	14 59.36 N	Longitude	038 01.52W
		Corr Depth	5938

Deployment Start (GMT)

Time	16:46:00	Date	11/23/2017
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Hardware

Twr, Br, Toroid S/N	G3.10	Insert ?	
Anti-theft Cage ?	No	Fairing Depth	

Tube

Tube SN	0039 (27 Hex)	PTT Id	
Time Zone	GMT+3	Software Ver	

Meteorological Sensors

	Type	S/N
AT/RH	Rotronics	61444565
Rain	RMYoung	716
SW Radiation	Eppley	35979
LW Radiation	Eppley	37474
SeaCat		
Baro Pressure	PAROS	120484
Wind	RMYoung	10410051

Subsurface Sensors

Instrument Depths

Special

OTN SN	127609	OTN Depth	200	OTN Time In	17:17:00
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Depth	Type	Address	S/N	Time In	Comments
1	SSC	0	14980	16:46:00	
5	TC	1	15025	16:46:00	
10	TC	2	15026	16:46:00	
11.6	TV	3	13658	16:47:00	
20	TC	4	15027	16:47:00	
40	TC	5	15028	16:47:00	
60	TC	6	15029	16:47:00	
80	TC	7	15030	16:47:00	
100	T	8	8099	16:47:00	
120	TC	9	15031	16:48:00	
140	T	10	8109	16:55:00	
180	T	11	8110	17:03:00	
300	TP	12	8128	17:22:00	
500	TP	13	8136	17:31:00	

Subsurface Continued:

[illegible]

Nylon & Subsurface

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

50
9
0.985
37
second use

Wire S/N

PI 13 16

Wire Length

1000

Wire Deployment ● 1st

○ 2nd

	S/N or Poly	Length
1	Y701	600
2	Y819	594
3	Y919	598
4	Z913	595
5	Y082	580

Total nylon	4793
Mooring length	5852.0

(All Nylon, Nilspin and Hardware)

	S/N or Poly	Length
6	Y911	594
7	Z134	637
8	Z056	595
9		
10		

Target Depth	5938
Calculated Cut Length	-3.07

EG & G Releases

	Type	S/N	Int Freq	Reply Freq	Release	Disable	Enable
Release 1	8242	33329	11	12	344346	355700	355671
Release 2							

Anchor Drop

Latitude	14 59.75 N	Anchor weight	4480 lbs
Date	11/23/2017	Longitude	038 00.29W
Range to Buoy		Time	21:29:00
Tow Time	00:40:00	Bearing To Buoy	
Total Time	04:43:00	Tow Distance	

Flyby

	Latitude		Longitude	
Buoy	14 59.36 N		038 01.52W	
Anchor				
Uncorrected Depth	5938	(from Matthew's Table)		
Depth Correction	0			
Transducer Depth	0			
Corr Depth	5938		Final Scope	0.986

Meteorological Observation

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/23/2017	21:34:00	90	3.3	25.8	27.1872	35.86065	72
Buoy	11/23/2017	21:33:00	217	3	26.5	27.08	36.07	77.1

Deployment Comments

[illegible]