

Next Generation Deployment Log

Site	0 35W	Mooring ID	T-FLEX
Cruise	PI3-17-AN	Date (GMT)	11/6/2017
Personnel	Arlino, Pavani, Marton, Freitas, Melo, Silva		
Mooring Type	TAUT	Jul Anch Date	17310
Latitude	00° 01.198' N	Longitude	034° 57.236' W
		Corr Depth	4534

Deployment Start (GMT)

Time	18:00:00	Date	11/6/2017
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Hardware	Twr, Br, Toroid S/N	2-2-95; 8-15; M-5-16;	Insert ?	
	Anti-theft Cage ?	NO	Fairing Depth	
Tube	Tube SN	0038 (26 HEX)	PTT Id	T-FLEX
	Time Zone		Software Ver	

Meteorological Sensors

	Type	S/N
AT/RH	Rotronics	20072794
Rain	RMYoung	1688
SW Radiation	Eppley	31621
LW Radiation	Eppley	
SeaCat		
Baro Pressure	PAROS	
Wind	RMYoung	16100040

Subsurface Sensors

Instrument Depths		Special	
OTN SN	114746	OTN Depth	200
		OTN Time In	19:08:00

Depth	Type	Address	S/N	Time In	Comments
1	SSC	0	14982	18:52:00	
10	TC	1	15039	18:52:00	
11.6	TV	2	13665	18:52:00	
20	TC	3	15040	18:53:00	
40	TC	4	15041	18:53:00	
60	T	5	8114	18:53:00	
80	T	6	8115	18:53:00	
100	T	7	8116	18:53:00	
120	TC	8	14962	18:59:00	
140	T	9	8117	19:01:00	
180	T	10	8118	19:04:00	
200	OTN		114746	19:08:00	
300	TP	11	8139	19:12:00	
500	TP	12	8140	19:20:00	

Subsurface Continued:

[illegible]

Nylon & Subsurface

Nylon Below release	50	Wire S/N	PI-6-16
Hardware Ln	9	Wire Length	1000
Projected Scope	0.985	Wire Deployment	☐ 1st
Top Section SN	40		☒ 2nd
Top Section Usage	first use		

	S/N or Poly	Length
1	Z197	670
2	Z164	670
3	RS261	600
4	Y656	607
5	Y594	606
Total nylon	3403	
Mooring length	4462.0	

(All Nylon, Nilspin and Hardware)

S/N or Poly		Length
6	CUT	250
7		
8		
9		
10		
Target Depth		4534
Calculated Cut Length		3.99

EG & G Releases

	Type	S/N	Int Freq	Reply Freq	Release	Disable	Enable
Release 1	8242a	34388	11	12	252136	270502	270473
Release 2							

Anchor Drop

Latitude	0° 00.445' S	Anchor weight	7000 lbs
Date	11/6/2017	Longitude	
Range to Buoy		Time	23:01:00
Tow Time	00:30:00	Bearing To Buoy	
Total Time	05:01:00	Tow Distance	700 m

Flyby

	Latitude		Longitude	
Buoy	00° 01.198' N		034° 57.236' W	
Anchor				
Uncorrected Depth	4534	(from Matthew's Table)		
Depth Correction				
Transducer Depth				
Corr Depth	4534		Final Scope	0.984

Meteorological Observation

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/7/2017	01:00:00	107	21	26.5	27.9	5.70	79
Buoy	11/7/2017	01:00:00	76	6.8	27.0	27.1	5.69	85.5

Deployment Comments

[illegible]