

Next Generation Deployment Log

Site	04N 38W	Mooring ID	
Cruise	PI3-17-AN	Date (GMT)	11/17/2017
Personnel	Arlino, Pavani, Marton, Freitas, Melo, Silva		
Mooring Type	TAUT	Jul Anch Date	17321
Latitude	04 00.075 N	Longitude	037 54.507 W
		Corr Depth	4324

Deployment Start (GMT)

Time	13:07:00	Date	11/17/2017
------	----------	------	------------

Hardware	Twr, Br, Toroid S/N	IJ08 / 3.13 / 4.7.17	Insert ?	
	Anti-theft Cage ?	NO	Fairing Depth	

Tube	Tube SN	0037 (25 HEX)	PTT Id	
	Time Zone	GMT + 3	Software Ver	

Meteorological Sensors

	Type	S/N
AT/RH	Rotronics	20072629
Rain	RMYoung	1170
SW Radiation	Eppley	35968
LW Radiation		
SeaCat		
Baro Pressure		
Wind	WINDSPEED	16140026

Subsurface Sensors

Instrument Depths

OTN SN	128555	OTN Depth	200	OTN Time In	13:25:00
--------	--------	-----------	-----	-------------	----------

Depth	Type	Address	S/N	Time In	Comments	
1	SSC	0	14981	13:07:00		⬆
10	SBE37-TC	1	15032	13:07:00		⬆
11.6	AQUADOPP	2	13645	13:08:00		⬆
20	SBE37-TC	3	15033	13:08:00		⬆
40	SBE37-TC	4	14034	13:08:00		⬆
60	SBE39-T	5	8111	13:09:00		⬆
80	SBE39-T	6	8112	13:09:00		⬆
100	SBE39-T	7	8113	13:10:00		⬆
120	SBE37-TC	8	15035	13:14:00		⬆
140	SBE39-T	9	8121	13:16:00	ORIGINAL 8119 DOESN'T WORK	⬆
180	SBE39-T	10	8120	13:20:00		⬆
200	OTN		128555	13:25:00		⬆
300	SBE39-TP	11	8137	13:31:00		⬆
500	SBE39-TP	12	8127	13:37:00		⬆
						⬆
						⬆
						⬆
						⬆
						⬆

Subsurface Continued:

[illegible]

Nylon & Subsurface

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

50
9
0.985
35
first use

Wire S/N

PI-2-17

Wire Length

1000

Wire Deployment ● 1st

○ 2nd

	S/N or Poly	Length
1	Z339	648
2	Z189	650
3	Z202	650
4	Z349	648
5	Z063	590

Total nylon	3206
Mooring length	4265.0

(All Nylon, Nilspin and Hardware)

	S/N or Poly	Length
6	CUT	20
7		
8		
9		
10		

Target Depth	4324
Calculated Cut Length	-5.86

EG & G Releases

	Type	S/N	Int Freq	Reply Freq	Release	Disable	Enable
Release 1	8242	34387	11	12	252115	270450	270435
Release 2							

Anchor Drop

Latitude	03 59.4346N	Anchor weight	4480 lbs
Date	11/17/2017	Longitude	037 55.1425W
Range to Buoy		Time	16:48:00
Tow Time	00:45:00	Bearing To Buoy	
Total Time	03:41:00	Tow Distance	2 NM

Flyby

	Latitude		Longitude	
Buoy	04 00.075 N		037 54.507 W	
Anchor				
Uncorrected Depth	4324	(from Matthew's Table)		
Depth Correction	0			
Transducer Depth	0			
Corr Depth	4324		Final Scope	0.986

Meteorological Observation

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/17/2017	17:44:00			26.8	28.37	35.96	75
Buoy	11/17/2017	17:44:00	112	6.4	27.9	28.37	36.10	80.5

Deployment Comments

[illegible]