

Next Generation Recovery Log

Site	0 35W	Mooring ID	PI227A
Cruise	PI3-17-AN	Release Date	11/6/2017
Personnel	Arlino, Pavani, Marton, Freitas, Melo, Silva		
Mooring Type	Taut	Julian Date	17310
Status of Mooring			
Argos Latitude		Longitude	

First time <u>anything</u> was done to the buoy:	11:33:00
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Meteorological Observations

	Date	Time	Wind Dir (from)	Wind Spd (kts)	Air Temp	SST	SSC	RH
Ship	11/6/2017	10:30:00	154	9.7	28.2	27.12	5.70	72
Buoy								

Location

Latitude	0° 02.688' S	Longitude	034° 58.727' W
Release Fired	13:00:00	Fire Date	11/6/2017
Time on Deck	16:58:00	Date on Deck	11/6/2017

Meteorological Sensors

	S/N	Condition			Details	Picture?
Tube	778	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
PTT Id	27014	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
AT/RH	59305	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
Wind	88446	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
Rain Gauge	1632	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
SW Radiation	35929	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
LW Radiation		<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
Baro Pressure		<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes
SeaCat		<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled		<input type="checkbox"/> Yes

Evidence of Fishing or Vandalism?

Yes, we have found only the buoy toroid, without the tower and surface sensors. When we have seen the buoy, there was a fishing boat together with it and another fishing boat near the buoy area. There was a lot of fishing lines and the toroid was very damaged. We talked with them about the importance of these buoy and PIRATA project. Anyway, the fishing boat was full work time near us (and the buoy).	▲
	▼

Subsurface Sensors				Instrument Depths			Special								
				OTN SN		127562		OTN Depth		200		OTN Time Out		14:25	
Depth		Type	S/N	Address		Time Out		Condition			Details				
0	1	SSC	15349	0	13:09	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input checked="" type="checkbox"/> Fouled	fishing lines						
1	20	TC	14983	1	13:58	<input type="checkbox"/> Lost	<input checked="" type="checkbox"/> Damaged	<input checked="" type="checkbox"/> Fouled	fishing lines						
2	40	TC	15374	2	14:06	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input checked="" type="checkbox"/> Fouled	fishing lines						
3	60	T	13430	3	14:09	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input checked="" type="checkbox"/> Fouled	fishing lines						
4	80	T	15538	4	14:14	<input type="checkbox"/> Lost	<input checked="" type="checkbox"/> Damaged	<input checked="" type="checkbox"/> Fouled	fishing lines						
5	100	T	13088	5		<input checked="" type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled	only the mount device						
6	120	TC	14971	6		<input checked="" type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled	only the mount device						
7	140	T	13085	7	14:21	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
8	180	T	13087	8		<input checked="" type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled	only the mount device						
9	200	OTN	127562		14:25	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
10	300	TP	15122	9	14:29	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
11	500	TP	15189	10	14:38	<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
12						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
13						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
14						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
15						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
16						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
17						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
18						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
19						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
20						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
21						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
22						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
23						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
24						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
25						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
26						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
27						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
28						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
29						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
30						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
31						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
32						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
33						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
34						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							
35						<input type="checkbox"/> Lost	<input type="checkbox"/> Damaged	<input type="checkbox"/> Fouled							

Acoustic Releases:

	Type	S/N	Recovered ?	Release	Disable	Enable
Release 1	8242	33688	yes	354334	372543	372526
Release 2						

Release Problems or Comments	INT.FREQ.: 11	▲
	REP.FREQ.: 12	
		▼

Nylon/Poly Recovered

Spool	S/N	Length	Condition/Comments	
1	Z164	670	good	⇅
2	Z197	670	good	⇅
3	Y637	603	bad	⇅
4	Y656	607	good	⇅
5	Y594	606	good	⇅
6	CUT	250	good	⇅
7				⇅
8				⇅
9				⇅
10				⇅

Hardware

	S/N	Condition		
Buoy	D-3-06		Top Section SN	775
Wire	YES		Number of Glass Balls	

Tube	Battery Voltages:		Logic	Transmit
	Date	Actual Time (GMT)	Instr. Time	Clock Error

Clock Errors

Are the clock dates all okay? (type yes/no or comment):	YES
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	Sensor Type	S/N	Actual Date & Time (m/d/yr GMT)	Instr. Date & Time (m/d/yr GMT)	Clock Error	File Name	Batt. Voltage from Status	Comments	Number of Records
0	SSC	15349	12:21:28	11:24:43	-0:56:45	SSC15349.bin	5.42		757
1	TC	14983						DONT WORK	
2	TC	15374	12:08:54	12:06:16	-0:02:38	TC15374.BIN	6.21		757
3	T	13430	11:45:40	11:38:35	-0:07:05	T134360.BIIN	7.65		757
4	T	15538	12:15:30	12:09:36	-0:05:54	T15538.BIN	7.92		757
5	T	13088							
6	TC	14971							
7	T	13085	12:12:40	12:06:01	-0:06:39	T13085.BIN	7.73		757

Clock Errors continued:

[illegible]

Recovery Problems or Comments

[illegible]