

## Next Generation Recovery Log

|                   |  |              |            |
|-------------------|--|--------------|------------|
| Site              | 19S 34W                                      | Mooring ID   | TM404      |
| Cruise            | PI3-17-AN                                    | Release Date | 10/29/2017 |
| Personnel         | Arlino, Pavani, Marton, Freitas, Melo, Silva |              |            |
| Mooring Type      | Taut   | Julian Date  | 17302      |
| Status of Mooring |  |              |            |
| Argos Latitude    |  | Longitude    |            |

|  |          |
|--|----------|
| First time <u>anything</u> was done to the buoy: | 16:15:00 |
|--|----------|

## Meteorological Observations

|      | Date       | Time     | Wind Dir<br>( from ) | Wind Spd<br>( kts ) | Air Temp | SST   | SSC  | RH |
|------|------------|----------|----------------------|---------------------|----------|-------|------|----|
| Ship | 10/29/2017 | 15:35:00 | 050                  | 8.0                 | 30.4     | 25.38 | 37.2 | 62 |
| Buoy |            |          |                      |                     |          |       |      |    |

### Location

|               |              |              |              |
|---------------|--------------|--------------|--------------|
| Latitude      | 18° 52.689 S | Longitude    | 034°40.570 W |
| Release Fired | 18:02:00     | Fire Date    | 10/29/2017   |
| Time on Deck  | 18:24:00     | Date on Deck | 10/29/2017   |

## Meteorological Sensors

|               | S/N    | Condition                     |                                  |                                 | Details                      | Picture?                     |
|---------------|--------|-------------------------------|----------------------------------|---------------------------------|------------------------------|------------------------------|
| Tube          | 696    | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled |                              | <input type="checkbox"/> Yes |
| PTT Id        | 19103  | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled |                              | <input type="checkbox"/> Yes |
| AT/RH         | 118819 | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled |                              | <input type="checkbox"/> Yes |
| Wind          | 70638  | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled |                              | <input type="checkbox"/> Yes |
| Rain Gauge    | 1843   | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled | 1551 rain sensor on the buoy | <input type="checkbox"/> Yes |
| SW Radiation  | 32183  | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled |                              | <input type="checkbox"/> Yes |
| LW Radiation  | 32771  | <input type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled |                              | <input type="checkbox"/> Yes |
| Baro Pressure | 127683 | <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?

[illegible]

| Subsurface Sensors |      |        | Instrument Depths |        |           | Special                                  |                                  |  |               |
|--------------------|------|--------|-------------------|--------|-----------|--|----------------------------------|--|---------------|
|                    |      |        | OTN SN            | 127559 | OTN Depth | 200                                      | OTN Time Out                     | lost                                       |               |
| Depth              | Type | S/N    | Address Time Out  |        | Condition |  |                                  | Details                                    |               |
| 0                  | 1    | SSC    | 15215             | 0      | 18:07     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 1                  | 5    | TC     | 14398             | 12     | 18:07     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 2                  | 10   | T      | 14337             | 11     | 19:07     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 3                  | 11.5 | Sontek | 1486              |        | 19:07     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 4                  | 20   | TC     | 13976             | 1      | 19:15     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 5                  | 40   | TC     | 14657             | 2      | 19:25     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 6                  | 60   | TC     | 14363             | 3      | 19:35     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 7                  | 80   | TC     | 15839             | 4      | 19:37     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 8                  | 100  | T      | 14693             | 5      | 19:38     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 9                  | 120  | TC     | 13346             | 6      | 19:40     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled |               |
| 10                 | 140  | T      | 14193             | 7      | 19:42     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input checked="" type="checkbox"/> Fouled | fishing lines |
| 11                 | 180  | T      | 14236             | 8      | 19:52     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled            | fishing lines |
| 12                 | 200  | OTN    | 1275559           |        |           | <input checked="" type="checkbox"/> Lost | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled            |               |
| 13                 | 300  | TP     | 12990             | 9      | 20:02     | <input type="checkbox"/> Lost            | <input type="checkbox"/> Damaged | <input type="checkbox"/> Fouled            |               |
| 14                 | 500  | TP     | 15638             | 10     | 20:08     | <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 | 34686 | yes         | 143272  | 155700  | 155671 |
| Release 2 |      |       |             |         |         |        |

### Release Problems or Comments

|                |   |
|----------------|---|
| INT. FREQ.: 11 | ▲ |
| REP. FREQ.: 12 |   |
|                |   |
|                | ▼ |

## Nylon/Poly Recovered

| Spool | S/N  | Length | Condition/Comments |   |
|-------|------|--------|--------------------|---|
| 1     | Z173 | 662    | good               | ↕ |
| 2     | Y581 | 605    | good               | ↕ |
| 3     | Y568 | 603    | good               | ↕ |
| 4     | Y587 | 604    | good               | ↕ |
| 5     | Z068 | 605    | good               | ↕ |
| 6     |      |        |                    | ↕ |
| 7     |      |        |                    | ↕ |
| 8     |      |        |                    | ↕ |
| 9     |      |        |                    | ↕ |
| 10    |      |        |                    | ↕ |

## Hardware

|      | S/N     | Condition |   | Top Section SN        | 702 |
|------|---------|-----------|---|-----------------------|-----|
| Buoy | B-2B-98 | bad       | ↕ |                       |     |
| Wire | YES     | good      | ↕ | 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

|   | 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         | 15215 | 16:09:40                        | 16:09:36                        | -0:00:04    | SSC15215.BIN | 5.82                      |           | 650               |
| 1 | TC          | 14398 |                                 |                                 |             |              |                           | no answer |                   |
| 2 | T           | 14337 |                                 |                                 |             |              |                           | no answer |                   |
| 3 | Sontek      | 1486  |                                 |                                 |             |              |                           | no answer |                   |
| 4 | TC          | 13976 |                                 |                                 |             |              |                           | no answer |                   |
| 5 | TC          | 14657 | 16:20:30                        | 16:20:24                        | -0:00:06    | TC14657.BIN  | 6.05                      |           | 650               |
| 6 | TC          | 14363 |                                 |                                 |             |              |                           | no answer |                   |
| 7 | TC          | 15839 |                                 |                                 |             |              |                           | no answer |                   |

## Clock Errors continued:

[illegible]

### Recovery Problems or Comments

[illegible]