**AX180206 CRUISE REPORT**

**Introduction**

AX180206 was performed on board the MV EVER GAINING, call sign HPCL, departing from Cape Town, South Africa on February 17, 2006 and arriving in Buenos Aires, Argentina on February 26, 2006.

**A. XBT**

A total of 174 eXpendable BathyThermographs were deployed along track according to the specifications of the Cruise Plan (60 in High Density mode between the coast of South Africa and 1ºW, 74 in Medium Density mode between 1ºW and 40ºW, and 40 in High Density mode between 40ºW and the coast of South America).

**B. Problems**

Tube 3 of one of the autolaunchers is noisy during retraction and extension.

**C. Recommendations**

None.

**D. Other narrative**

The M/V EVER GAINING arrived in Cape Town on the evening of February 15, five days behind schedule, due to strong winds and port congestion.

Mr Pieter Trutter form the University of Cape Town was contacted upon arrival and was extremely helpful in off loading the equipment from the M/V EVER GIVEN and setting it up on board the M/V EVER GAINING**.**

The representative of the South African Weather Service in Cape provided 18 (eighteen) cases of XBT for deployment as well as 4 (four) SVP-B from the SAWS**.**

EVERGREEN Marine Corporation representatives in Cape Town were met in several occasions during the stay**.**

The ship’s Master, Officers & crew contributed to the successful implementation of the run.

**E. Additional equipment, tools, supplies needed.**

None.

**F. GTS transmission**

Transmission of full resolution data via STD-C inmarsat in real time was performed without inconvenient**.**

**G. Drifters deployed**

|  |  |  |  |
| --- | --- | --- | --- |
| **Drifter ID#** | **Date & Time** | **Latitude** | **Longitude** |
| **36199** | **23 FEB 1015** | **34 42.10S** | **35 00W** |
| **36200** | **24 FEB 1231** | **34 51.87S** | **45 00W** |

(Time UTC)

**H. Profiling floats deployed**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Float ID#** | **Activation** | **Date & Time** | **Latitude** | **Longitude** |
| **577/64067** | **18 FEB 0842** | **18 FEB 1456** | **33 53.0S** | **08 00E** |
| **562/57490** | **18 FEB 0843** | **19 FEB 0439** | **33 57.0S** | **03 00E** |
| **575/64065** | **18 FEB 0844** | **20 FEB 2350** | **34 16.14S** | **13 00W** |
| **564/57492** | **18 FEB 0855** | **21 FEB 1619** | **34 23.93S** | **19 00W** |
| **574/64064** | **18 FEB 0855** | **23 FEB 1535** | **34 42.30S** | **37 00W** |
| **570/64060** | **18 FEB 0855** | **23 FEB 2325** | **34 46.49S** | **40 00W** |

(Time UTC)

**ARIEL HERNAN TROISI**

**Oceanographer**