**AX180307 CRUISE REPORT**

Introduction

AX180307 was performed on board the MV EVER GUEST, call sign HPBK, departing from Cape Town, South Africa on March 28, 2007 and arriving in Buenos Aires, Argentina on April 7, 2007.

A. XBT

A total of 171 eXpendable BathyThermographs were deployed along track according to the specifications of the Cruise Plan (57 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

None.

C. Recommendations

None.

D. Other narrative

Mr Pieter Trutter form the University of Cape Town was contacted upon arrival and was extremely helpful in loading the equipment on board. The ship’s Master, Captain Yuan-Pao Chu, officers & crew contributed to the successful implementation of the run. As future reference, hardware and consumables can be obtained from “Gordons tool & hardware (PTY) Ltd” at 42 Long Street, Cape Town.

E. Additional equipment, tools, supplies needed.

None.

F. GTS transmission

Full resolution data was transmitted via STD-C inmarsat in real time, without inconvenient.

G. Drifters deployed

None

H. Profiling floats deployed (times UTC)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | ACTIVATED  | DEPLOYED  | LAT  | LON |
| 352/46222  | 29MAR 14:19  | 30MAR 08:42  | 33 57.579S  | 003 00.00E |
| 670/67422  | 31MAR 12:05  | 31MAR 17:30  | 34 11.374S  | 009 00.00W |
| 710/71536  | 03APR 10:44  | 04APR 04:45  | 34 42.256S  | 036 00.00W |
| 711/71537  | 03APR 10:44  | 05APR 13:05  | 34 55.149S  | 047 00.00W |

ARIEL HERNAN TROISI

Oceanographer