**High-density XBT cruise AX180212 report**

Ship Rider: James Farrington

a) XBTs deployed: 229

b) Drifters deployed: No Drifters were deployed

c) Profiling floats deployed: No Floats were deployed

d) Equipment tools and supplies needed:

 1. Wall adapter plug (Special)

 2. Duct Tape and Electrical Tape

e) Problems: Lost the T&T for 4 drops, right at the point of West change to East, and Easymail failed to work

f) Recommendations: Software check, used Comsat software to send messages

g) Other narrative: Interesting cruise on a car carrier, drops were 5 decks off the water, but good quality, the battery pack saved the day

h) Ship contact: Captain Vadim Kislitsyn

email: elegant\_ace@globeemail.com

Summary of cruise AX180212 between Zarate, Arg. to Walvis Bay, Namibia

AX180212 was conducted aboard the M/V Elegant Ace. The ship left Zarate on the 31 of Jan. and arrived Walvis Bay on the 10th of Feb.

In total 229 XBTs were deployed. High density measurements were started at 52°W, to 40°W and intermediate density deployments were resumed from 40°W to 1°N. For the rest of the cruise it was High Density till the bottom hits.

No drifters or floats were deployed.

The weather during the cruise was rain for the first few days, and it caused some issues, but after a move of the Auto launcher and rework of the ground the drops were much better.