**Cruise Summary (25/07/2018 – 13/08/2018)**

**AX180818 – Swift Ace.**

AX180818 was conducted aboard the Swift Ace. Mr. Shaun Dolk and I boarded the ship at Zarate on the morning of the 25th of July 2018 and we did the installation and testing of the equipment.

Fifteen test drops fueron was done when leaving Zarate until our birth on Port of Santos on 30th of August.

Autolauncher#5 experienced troubles with pins #1 and #5. While both pins extend/retract on their own, they do not do so with pressure/tension from the xbt.MR. Dolk and I tested these tubes many times, and they experienced the same problems each time. As a result, we changed to autolauncher #1.

The same issue hapens with the autoluncher #1, experienced the same trouble with pin #6.

After leaving Santos the Xbt’s drops for the AX180818 commenced the 31th of July.

In total 371 XBt’s were deployed . High density deployments commenced from a depth of 200m once leaving Santos on 31th july and continue until 1st August when the intermediate density stage begins. On 4th august I discover a shortcircuit in a wire on the #3 tube, It was repaired with tin solder.

This stage continued to early 6th August when we reach the 0° and begins the last high density stage.

On 7th August an issue with the seas console program was unable to be solucionated and I did take the decision to continue to the end with the secondary laptop. Every time a trying to restart the program Seas Console, It was imposible to get the “XBT data recorder” program to run, a pop up Window appeared with every attempt, with the message “failed to créate empty document”.

The launches continued until August 8 when depths of less than 200M were reached before Port Elizabeth.

Overall the voyage went well. We had fine weather for most of the trip. However we experienced very rough sea conditions from the 6th august till 8th august.

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