



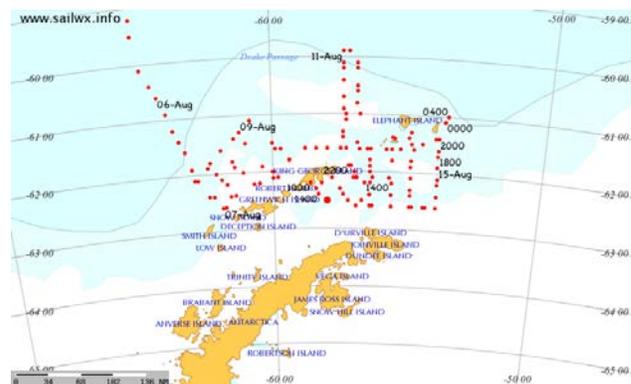
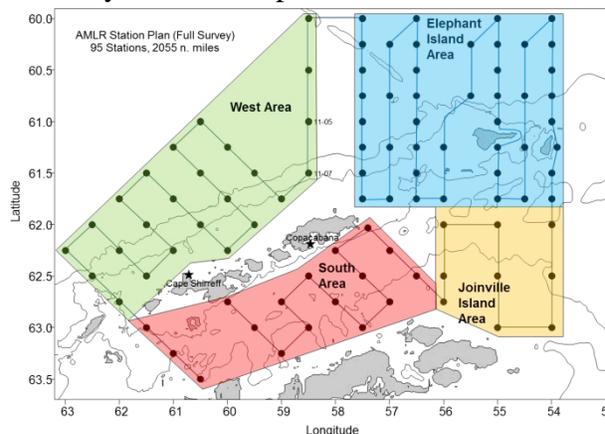
Winter AMLR Oceanographic Survey

Weekly Report Number 2

August 11-17, 2015

The second week of the 2015 US AMLR winter survey began with a quick set of stations up the western most line of the Elephant Island grid. However, by the morning of August 11th, winds increased to more than 35 knots from the west and north. These winds forced us to move south to survey the Joinville Island Area. Ultimately we were only able to complete a total of 19 stations in the Elephant Island Area.

We were able to survey the Joinville Area over a period of four days, and completed many stations. Low concentrations of pack ice were present, and most ice was packed against the Peninsula, where krill (27-30 mm) were concentrated. We continued to find high concentrations of furcilia stage Antarctic krill. Weather continued to deteriorate over the week, and on August 15th, we were unable to accomplish many CTD stations. Our inability to complete stations was from a combination of high winds, a re-termination of the wire, and inability to hold station. By that evening, winds exceeded 55 knots and we had to move out of the area. In the end, we were able to complete 19 stations in the Joinville Island Area.



We began surveying the Bransfield Strait late on August 16th, but halted sampling there owing to winds in excess of 80 knots! Do you see a theme yet? Fortunately today (August 17) is calm, and we are beginning our survey of this area in earnest.

*Submitted by C. Reiss, Chief Scientist, on behalf of the AMLR researchers aboard the RVIB Palmer.
Photos provided by AERD researcher Jen Walsh and location map by SailWX.info.*

