

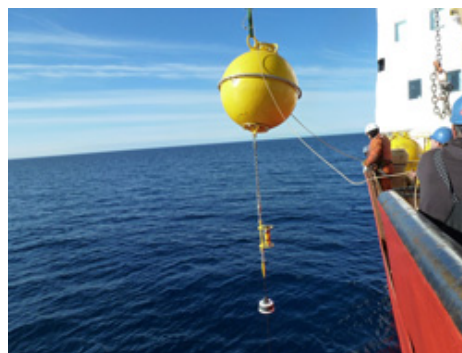
Beaufort Gyre Exploration Project: Dispatch 21: Mooring D deployment

Steve Lambert, WHOI
August 22, 2012

A beautiful sunrise greeted us this cool morning as we began setting up the deck for our day of work. As part of an on-going monitoring project we will re-deploy a mooring at this location. It's a long day of work but fortunately the weather is in our favor and everyone is in good spirits.

The mooring deployment went smoothly. We began with the anchor, bottom pressure recorder, and releases then went to the 48 glass floatation spheres. The next piece is a sediment trap that looks like a giant funnel, then the 1000 meter wire and lower profiler, then a 2000 meter wire and upper profiler. After that is the home stretch: the upper pinger and top floatation sphere. As before the upper sphere houses an Acoustic Doppler Current Profiler (ADCP) and an upward-looking sonar (ULS). The ADCP measures current velocity and direction while the sonar measures ice as it passes over the mooring site.

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August 22 photos

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