

Beaufort Gyre Exploration Project

2003 Dispatches



[1: Arrival in Kugluktuk](#)

The final destination of our 2-day flight from Boston was to the very small town of Kugluktuk, where the icebreaker Louis S. St.-Laurent will take us on board for our 30-day expedition to the Beaufort Gyre.



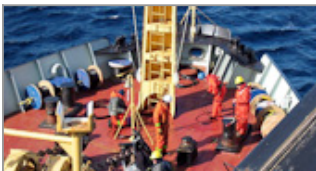
[2: Flying to the Ship](#)

Some bad and some good news met us this morning. The weather was bad (rain and strong wind) but our 14 boxes were found.



[3: Steaming to the Beaufort Sea](#)

Sea ice and weather conditions were favorable and we moved toward the Beaufort Sea with a speed of about 15 knots.



[4: CABOS Mooring is Recovered](#)

With favorable ice conditions, we're getting down to business with our freshwater explorations.



[5: Work Underway](#)

We are busy with moorings and water sampling. But we could use a little company. Where are the birds and animals that live in the Arctic?



[6: Moorings, Moorings, and Moorings](#)

Our major operations during the past 3 days were mooring recoveries and deployments.



[7: Polar Bear Sighting](#)

A polar bear lumbering on the ice near the ship brought almost everyone—and their cameras—to the deck.



[8: Searching for the Perfect Ice](#)

To install a buoy with instruments that will send us data from the Arctic for months requires an ice field with just the right thickness.



[9: Ice Surface Buoys](#)

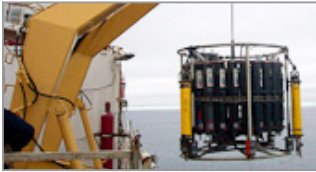


Deploying and recovering buoys requires effort and organization, but the information they gather can teach us a lot about the ocean.



[10: Beaufort Gyre Freshwater Observing System Is In Place](#)

During several busy days, we established the Beaufort Gyre Freshwater Observing System.



[11: Chemistry From the Surface to the Bottom](#)

We take samples to help us identify the source and even the age of water found here. This helps us to understand how the atmosphere and ocean work.



[12: Signs of Sea Ice and Another Polar Bear](#)

The air temperature is the coldest we have experienced yet, and we can see the ice form on the sea surface.

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