

**Annual Progress Report to:  
POLLUCK CONSERVATION COOPERATIVE RESEARCH CENTER**

**Title: Keeping Mooring 2 Alive: Continuing Long-term Biophysical Measurements over the Southeastern Bering Sea Shelf**

**Short Title: Biophysical Monitoring of the SE Bering Sea**

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**Research Accomplished:**

The M2 mooring is serviced every three to six months depending on February sea ice conditions. The M2 biophysical mooring was deployed from the Miller Freeman (MF02-05) during 28 April- 11 May 2002. Severe ice conditions and available ship time hampered the planned mooring deployment in February 2002. The mooring was recovered and redeployed during 6-17 October 2002 from the CCGS Sir Wilfrid Laurier. The mooring release did not function properly so mooring was recovered by dragging and retrieval using the deck winch. The mooring had apparently been hit and damaged by a fishing trawler and the top nitrate sensor was missing. The biophysical mooring deployed in October will be recovered in either February or April 2003.

Data processing of CTD, current meters, fluorescence and nitrate data for early 2002 are in progress. Data from summer 2002 are awaiting post-retrieval conductivity and fluorescence calibrations to complete processing. All prior data from the M2 location are displayed on the NOAA/PMEL website.

Based on the spring 2003 retrieval of the M2 mooring that was installed with PCC funding, a request to extend the period of the funding for an additional six months to 1 July 2003 is hereby requested.