

Distributed Biological Observatory (DBO)

Linking Physics & Biology in the Arctic

Pacific DBO: SWL17 and AMBON17 Hydrography

Lee W. Cooper (given by Jackie Grebmeier)

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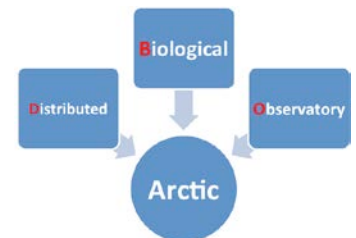
4th DBO Data Workshop

November 8, 2017

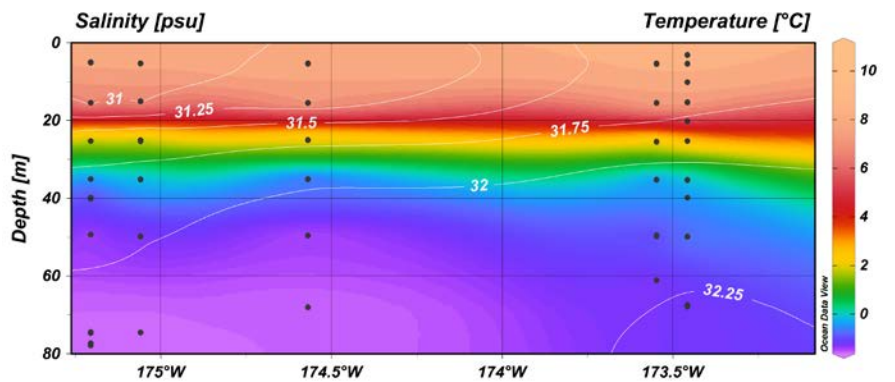
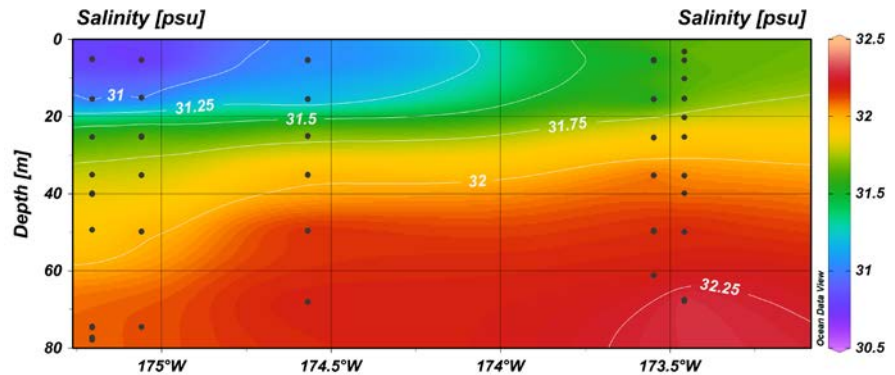
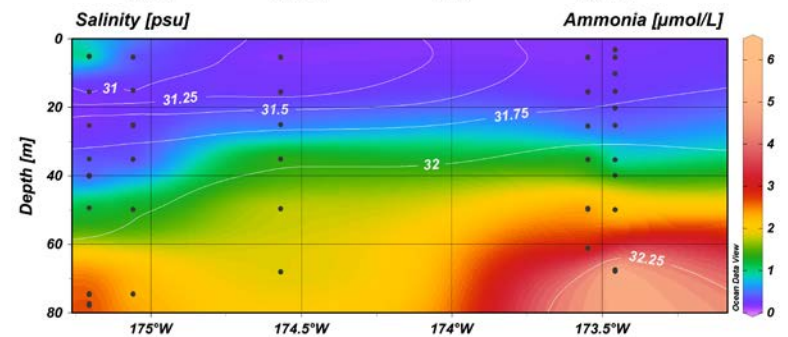
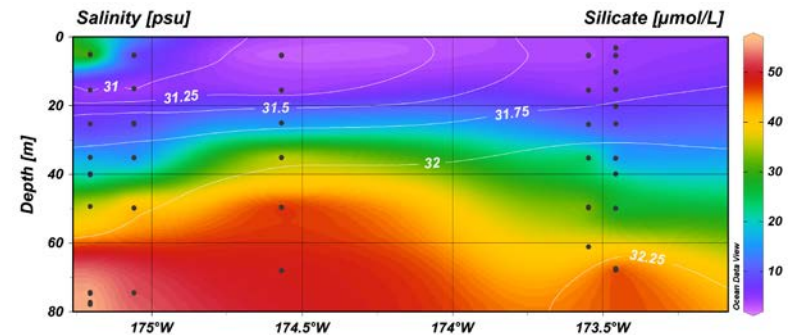
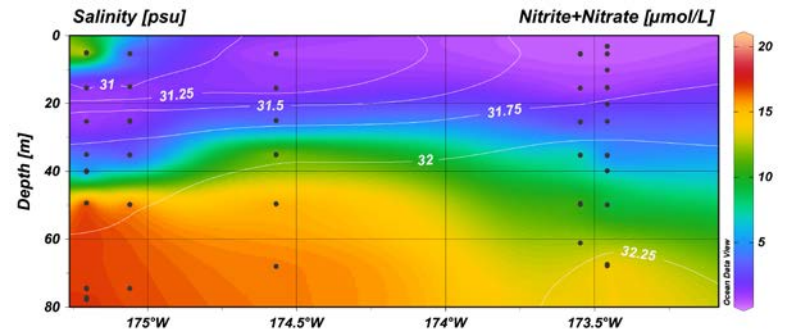
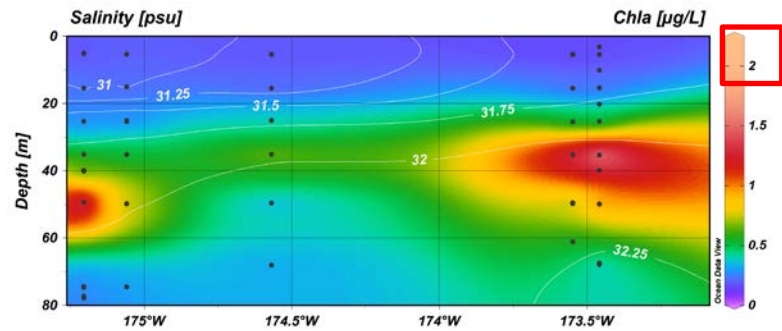
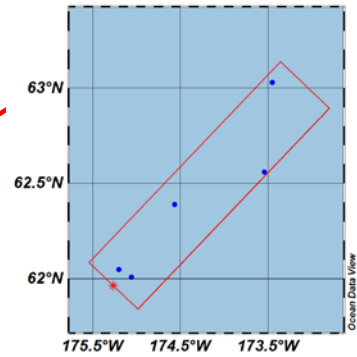
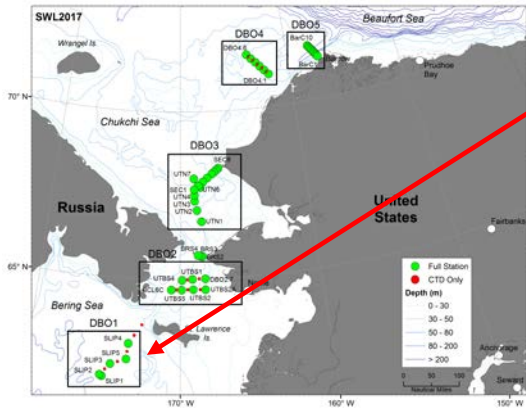
Seattle, Washington, USA



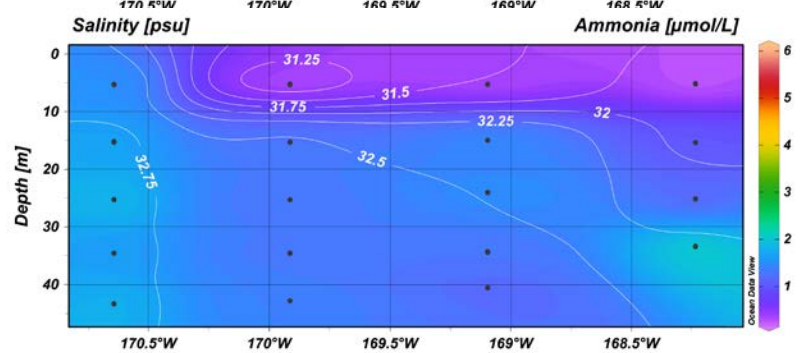
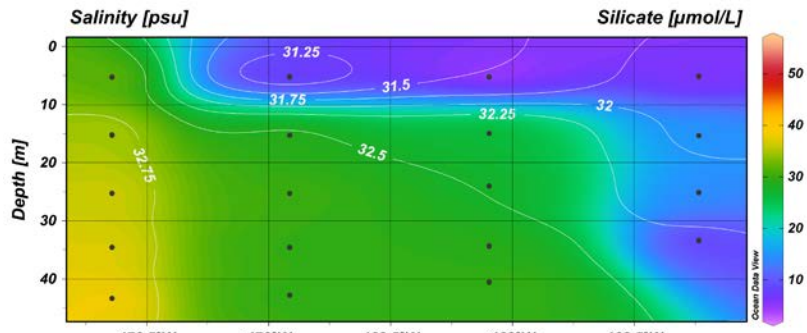
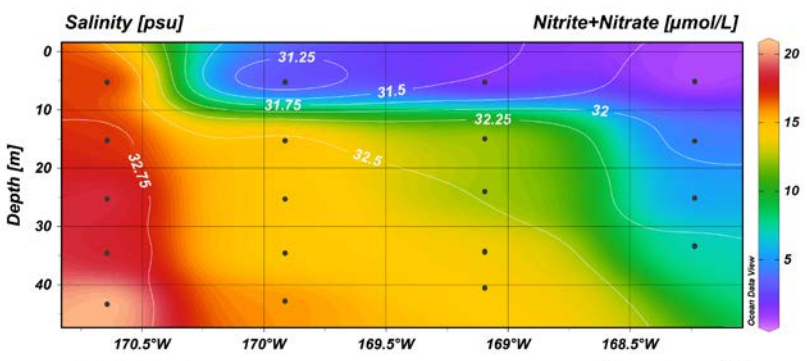
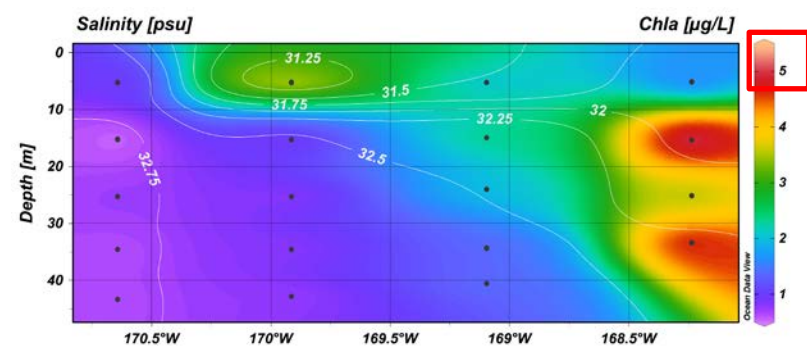
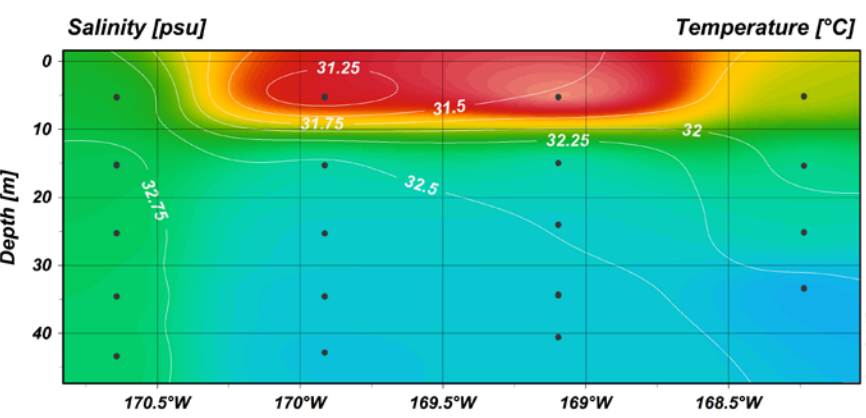
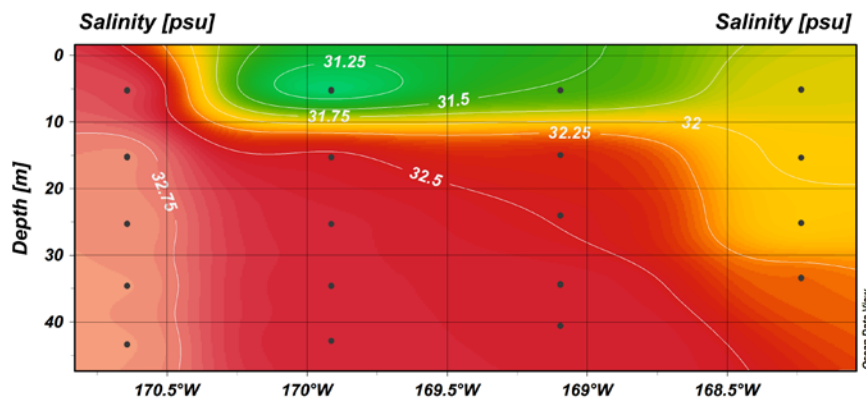
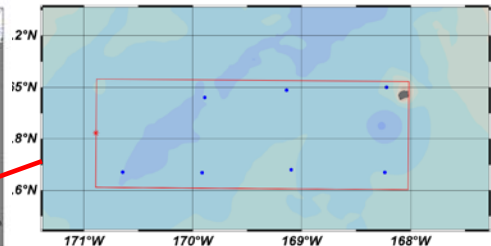
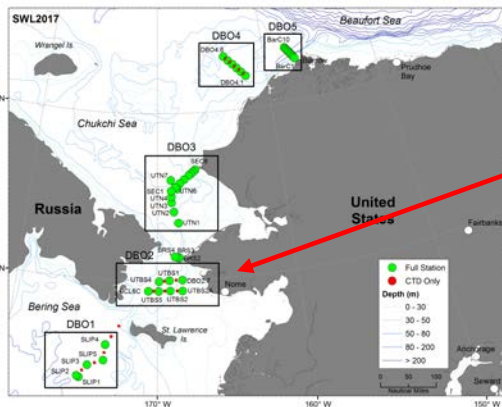
<http://www.arctic.noaa.gov/dbo/>



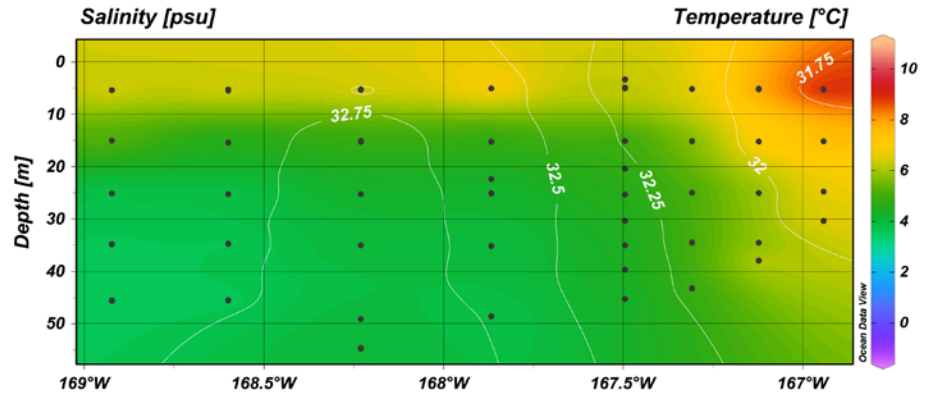
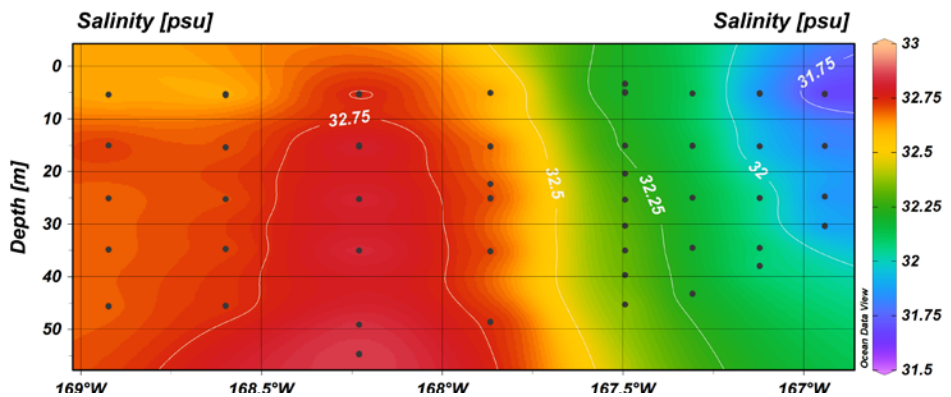
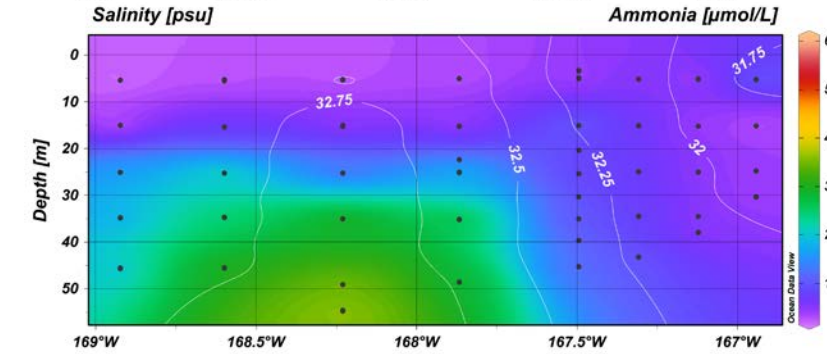
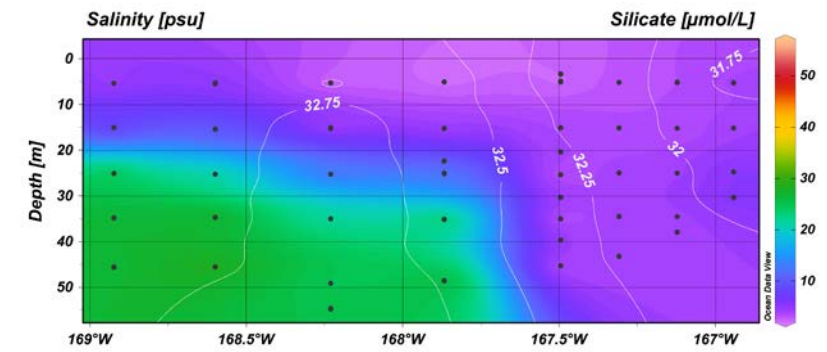
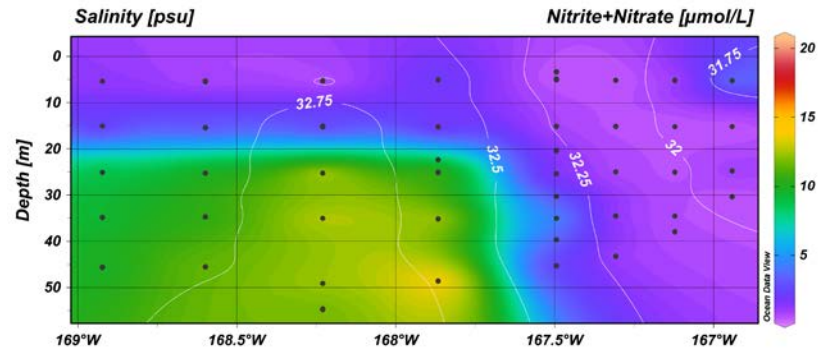
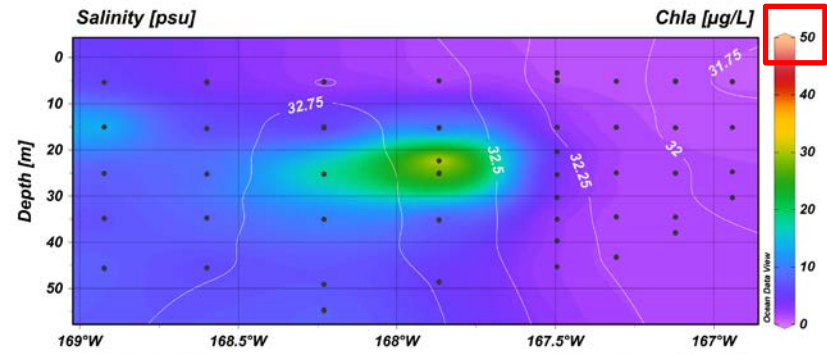
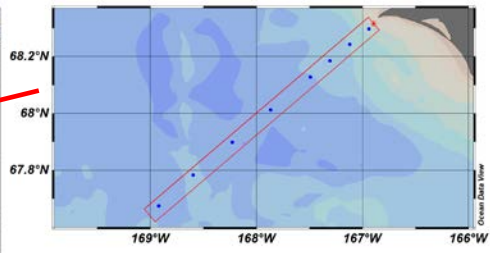
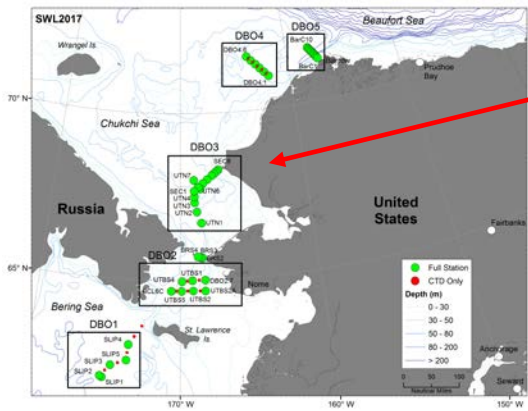
SWL July 2017-DBO1: Hydrography



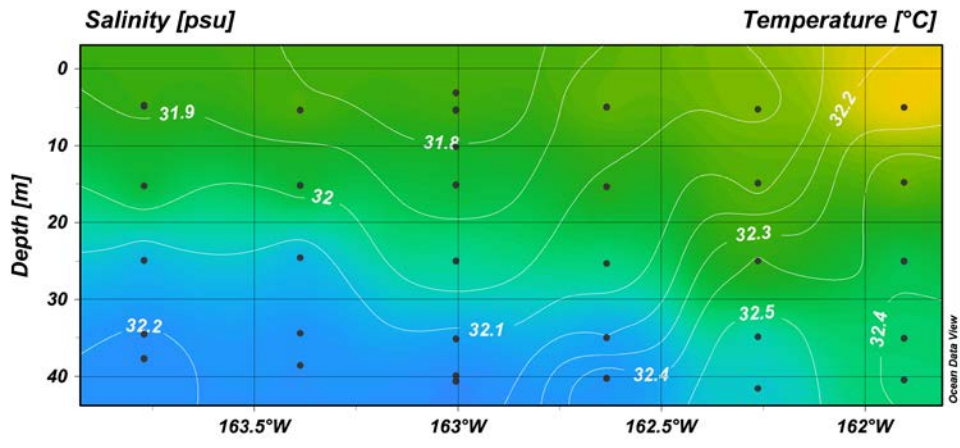
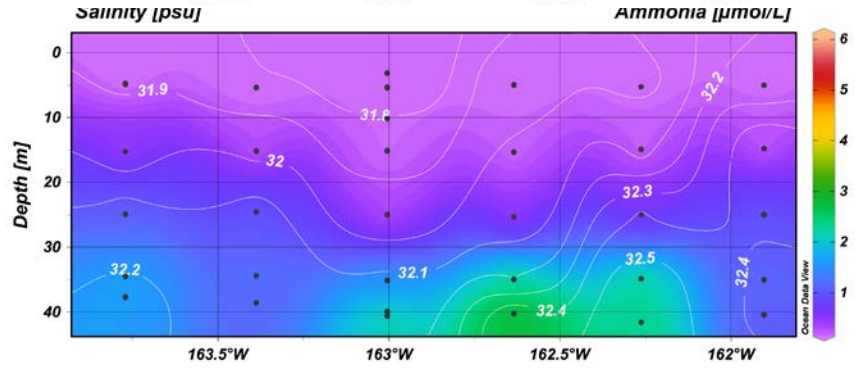
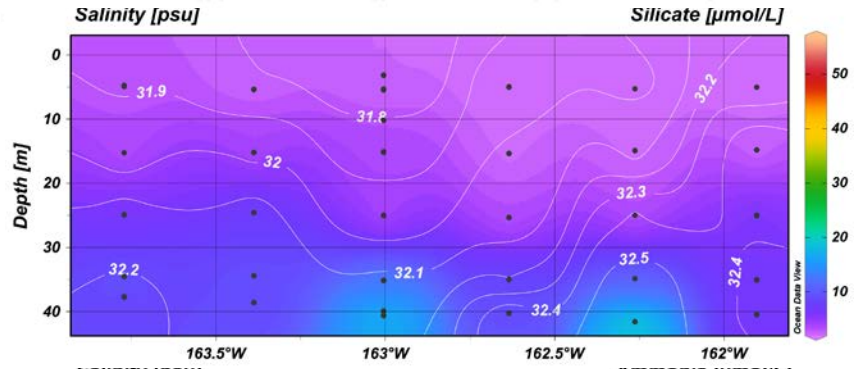
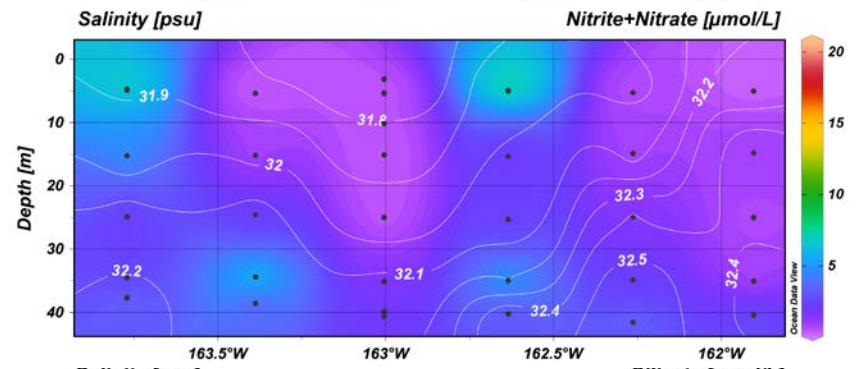
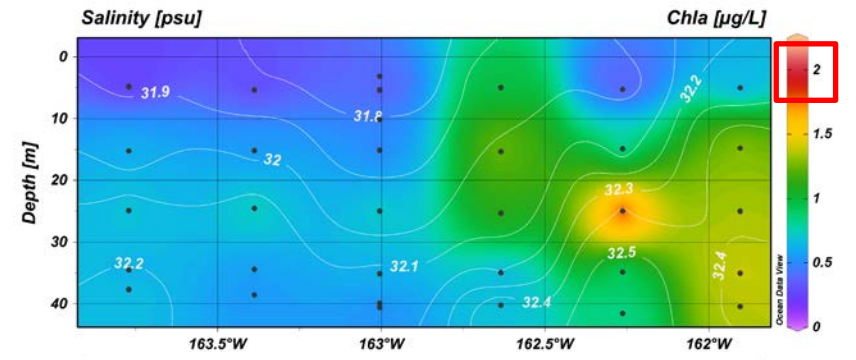
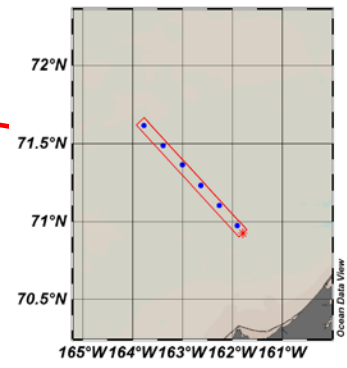
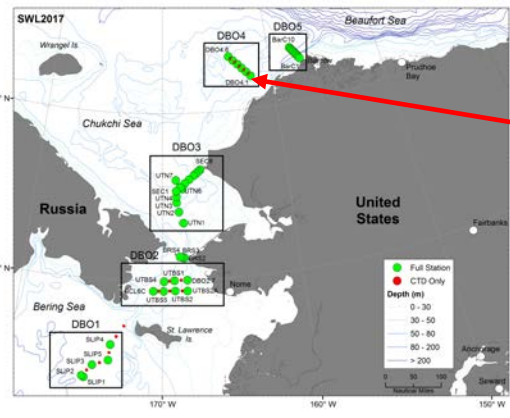
SWL July 2017-DBO2: Hydrography



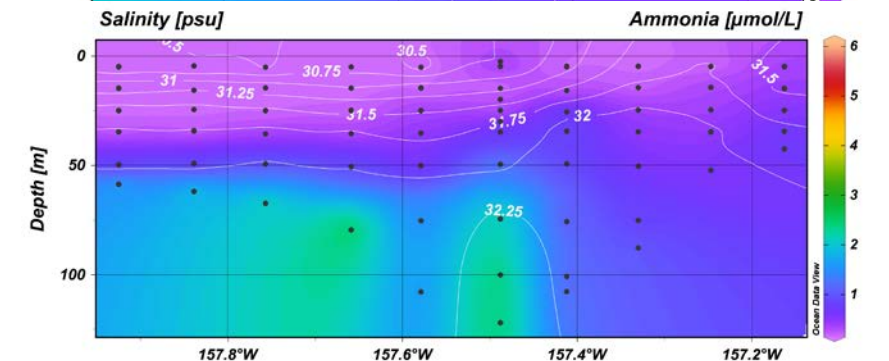
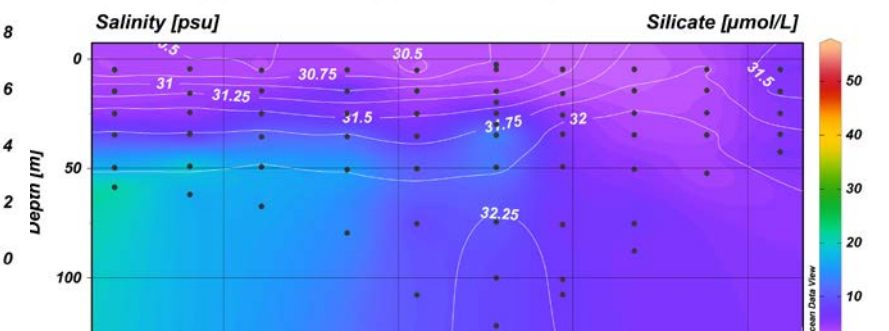
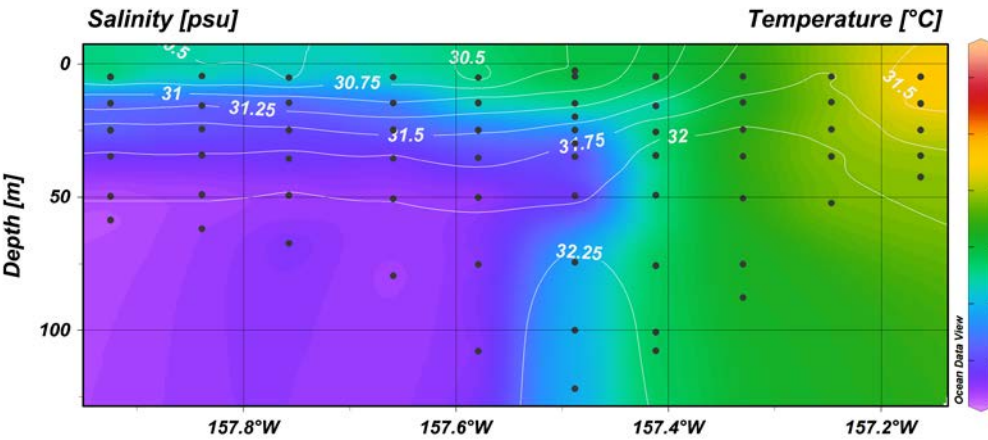
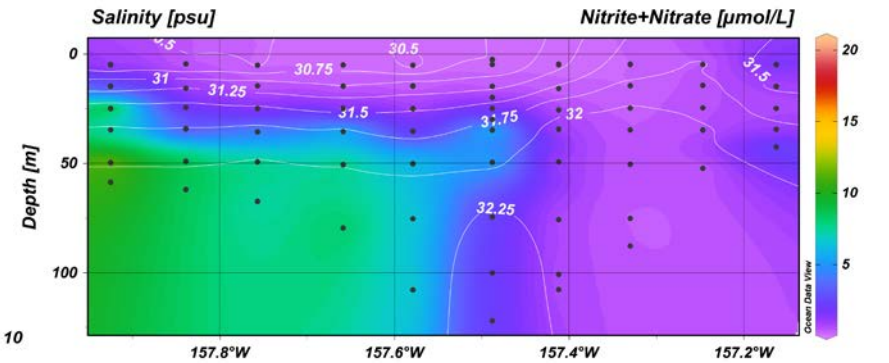
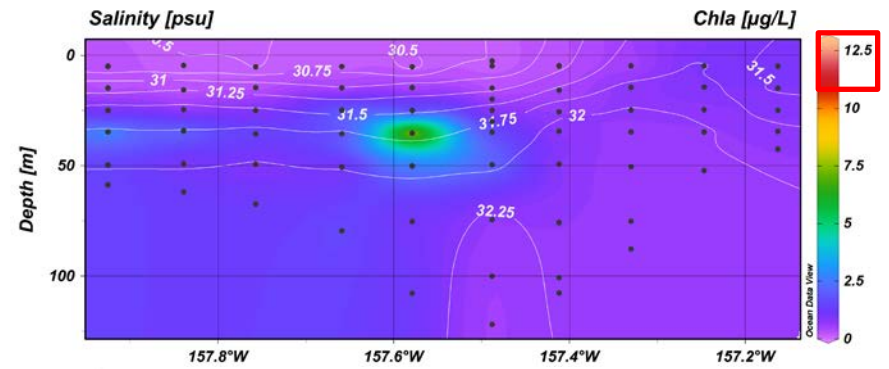
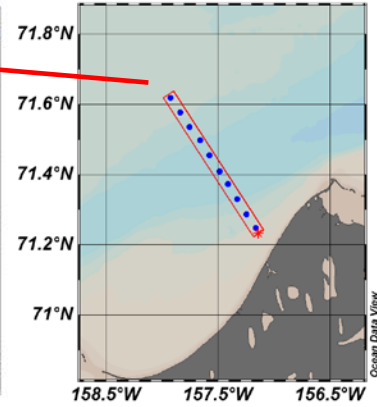
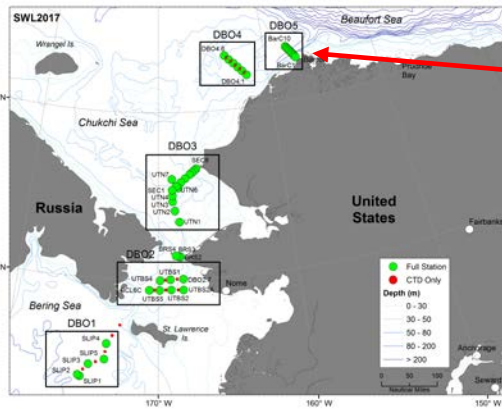
SWL July 2017: DBO3-Hydrography



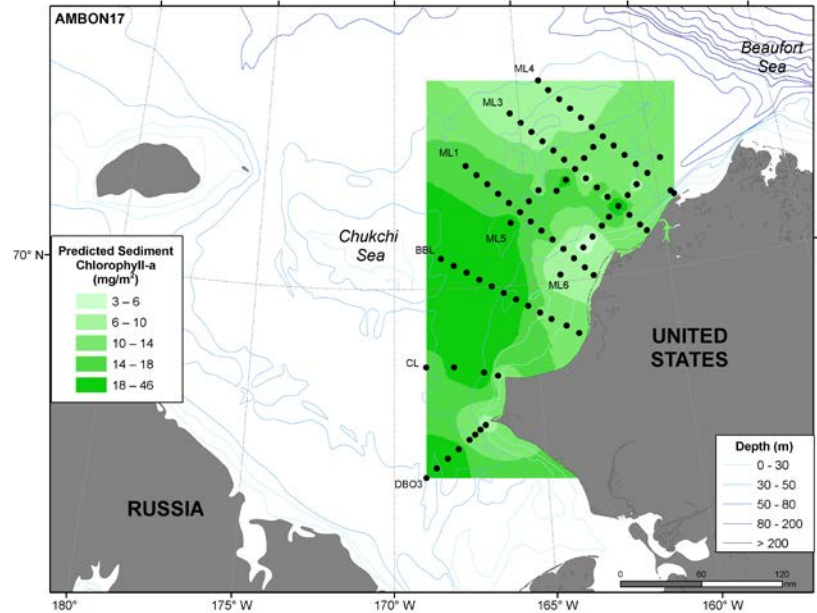
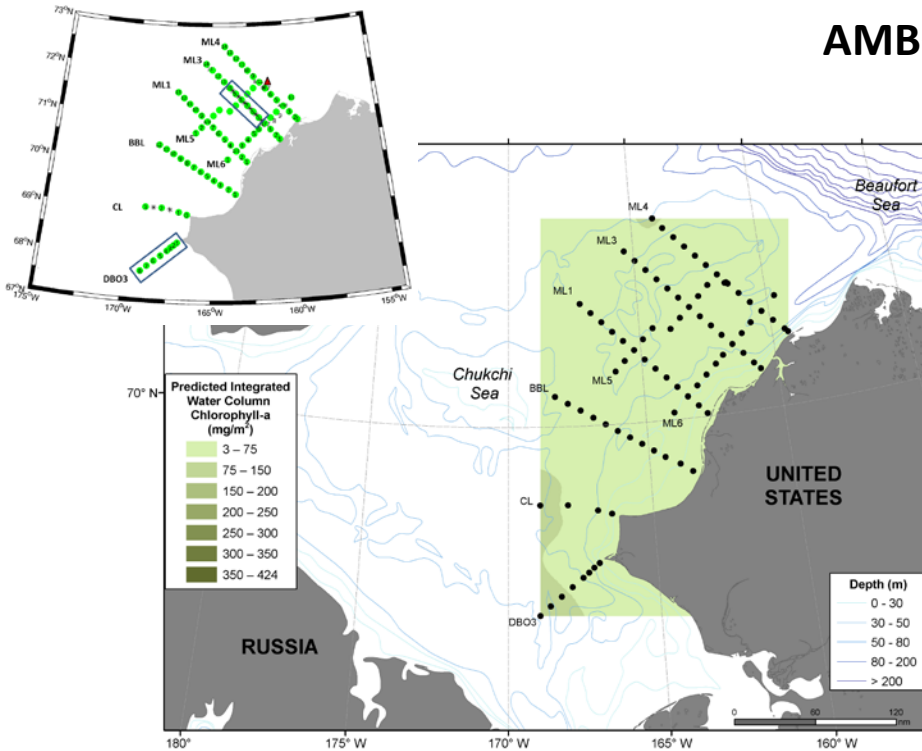
SWL July 2017: DBO4-Hydrography



SWL July 2017: DBO5-Hydrography



AMBON 2017



Analyses in progress:

SWL17: O-18, phytoplankton IDs, C-13 and N-15 of sediments, macrofaunal population measurements, benthic video analyses DBO1-5 lines

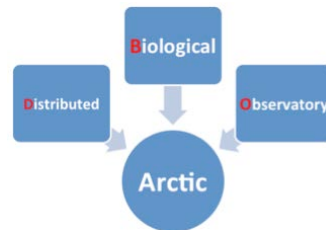
AMBON17 (Norseman 2): Nutrients, O-18, phytoplankton IDs, C-13 and N-15 of sediments, macrofaunal population measurements (other components of AMBON project on the DBO3 and 4 lines)

DBO-NCIS (HLY1702): O-18, phytoplankton IDs, C-13 and N-15 of sediments, macrofaunal population measurements (other components of project on the DBO1, 3-5 lines)

Thank you for your attention.

Questions and comments?

Thank you to all DBO collaborators, field and laboratory technicians over the years for the time series efforts. Financial support for the science provided by the US NSF, NOAA, BOEM, and ongoing international science partners in the Pacific Arctic Group.



<http://www.arctic.noaa.gov/dbo/>

USA agency support

