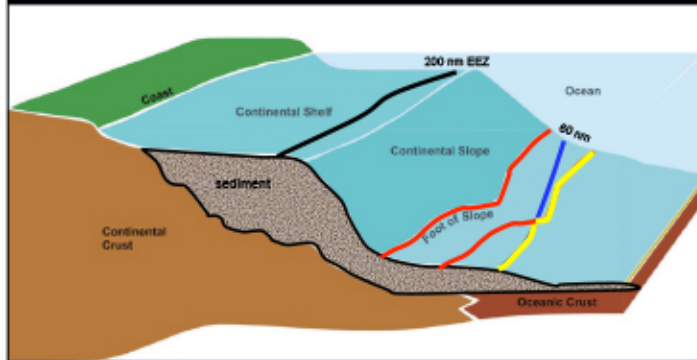


Formulae Lines:

Foot of Slope + 60 nmi - bathy

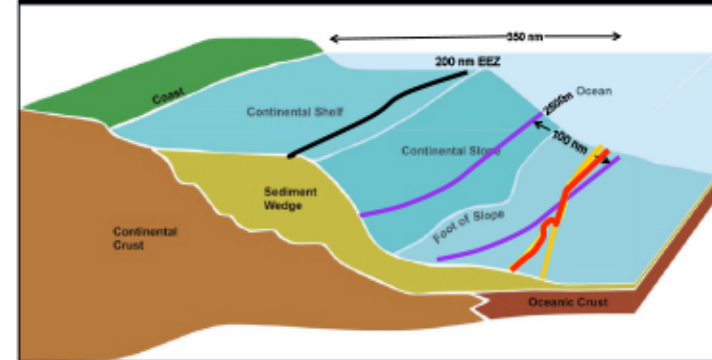
Gardiner line - sediment thickness less than 1% of distance back to FOS - seismic and bathy




Limit Lines:

2500 m contour+100 nmi - bathy

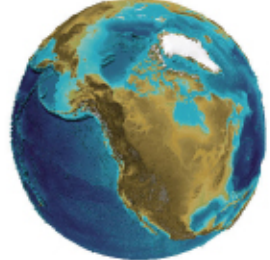
350 nmi from baseline - distance






The Compilation and Analysis of Data Relevant to a U.S. Claim
Under United Nations Law of the Sea Article 76:
A Preliminary Report

<http://www.com.unh.edu>

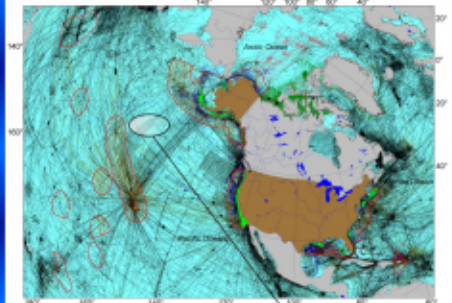


Center for Coastal and Estuarine Research and Earth Systems Center
University of New Hampshire
Durham, N.H.
May 2002

Larry Mayer, Martin Jakobsson and Andrew Armstrong



U.S. LoS Database



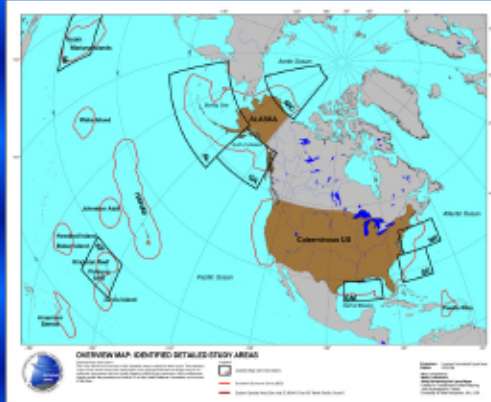
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2	1998-01-01	1998-01-01	Active
3	1998-01-01	1998-01-01	Active
4	1998-01-01	1998-01-01	Active
5	1998-01-01	1998-01-01	Active
6	1998-01-01	1998-01-01	Active
7	1998-01-01	1998-01-01	Active
8	1998-01-01	1998-01-01	Active
9	1998-01-01	1998-01-01	Active
10	1998-01-01	1998-01-01	Active

- + 32661 tracklines
- + 6037 survey polygons
- + millions of soundings
- + data compilations

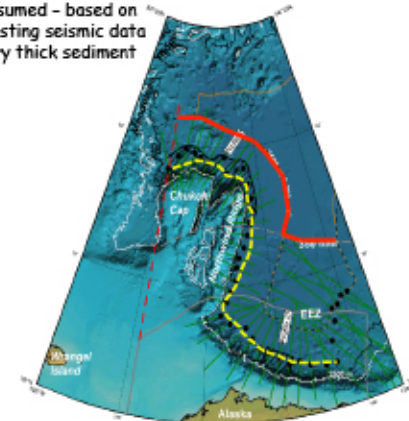
Initial Analysis

8 Regions identified where there was a potential for an extended continental shelf

For each area determine key features required

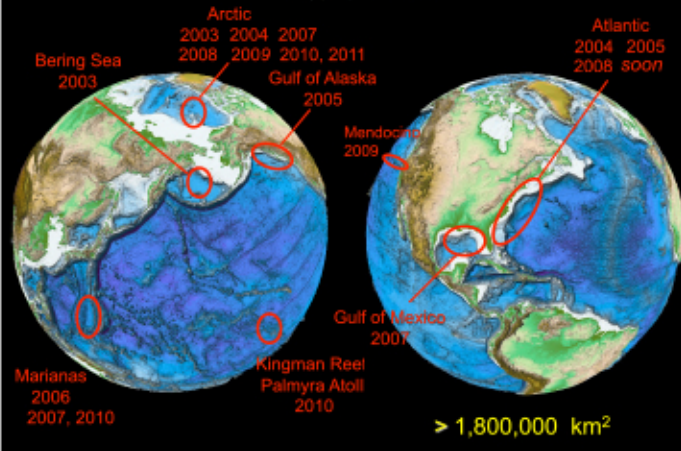


Assumed - based on existing seismic data very thick sediment

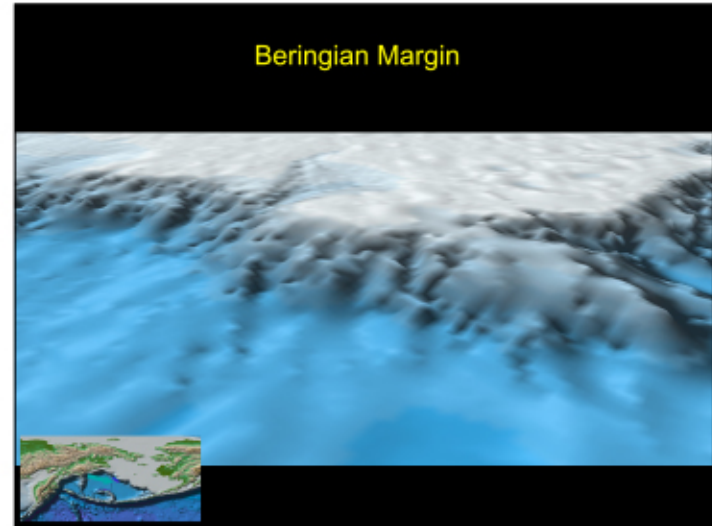


5:130 Bathymetry from ICAD is detailed area. ARC, show bathymetry profiles, and possible locations of the FOS. Labeled profile is shown in figure 5:11. Note that the orange line, which represents the 200 m = 100 m, makes use of the 200 m contour of the Alpha-Mendocino Ridge as well as the Canadian shelf

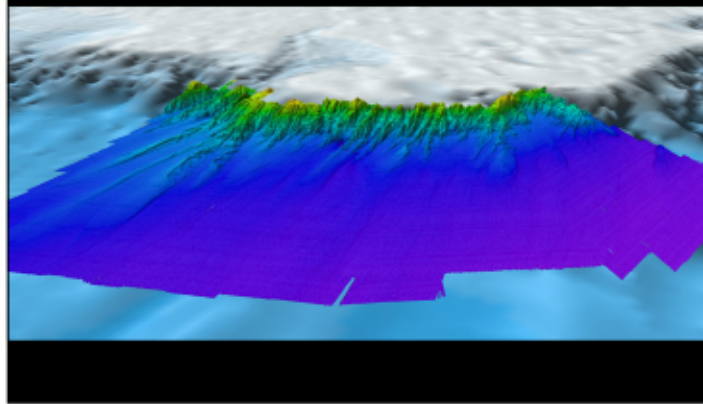
UNH CCOM-JHC U.S. Law-of-the-Sea Bathymetric Mapping to Date



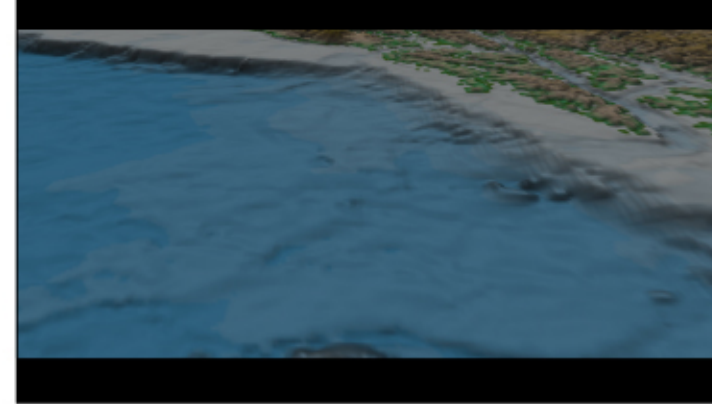
Beringian Margin



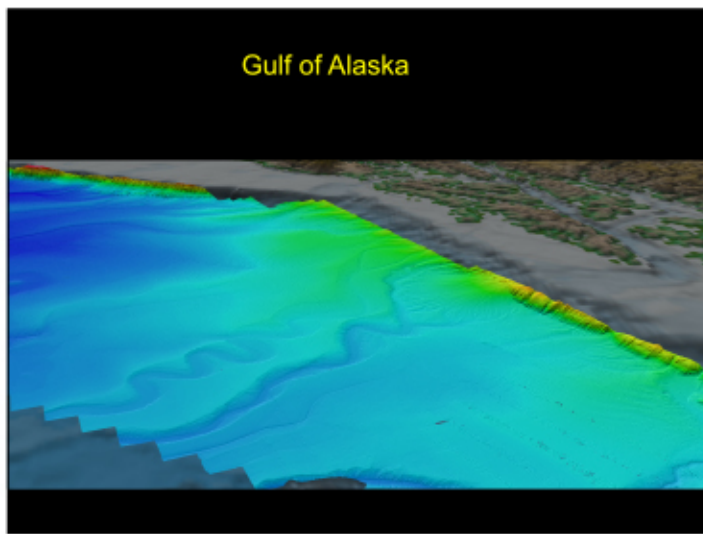
Beringian Margin



Gulf of Alaska

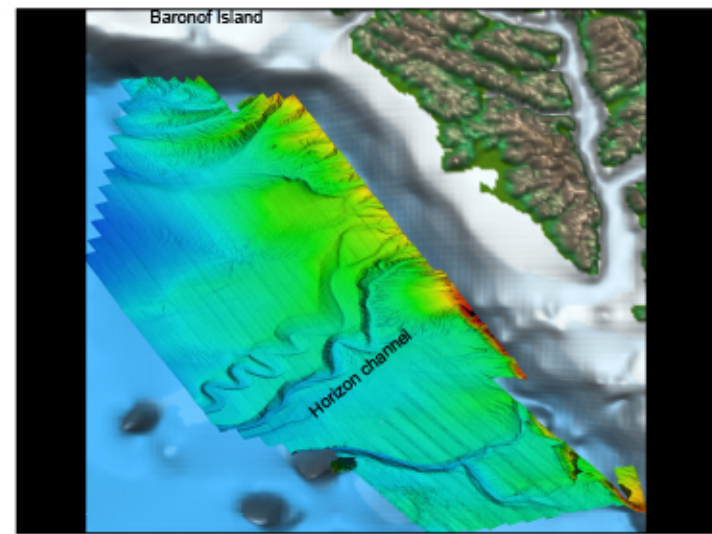


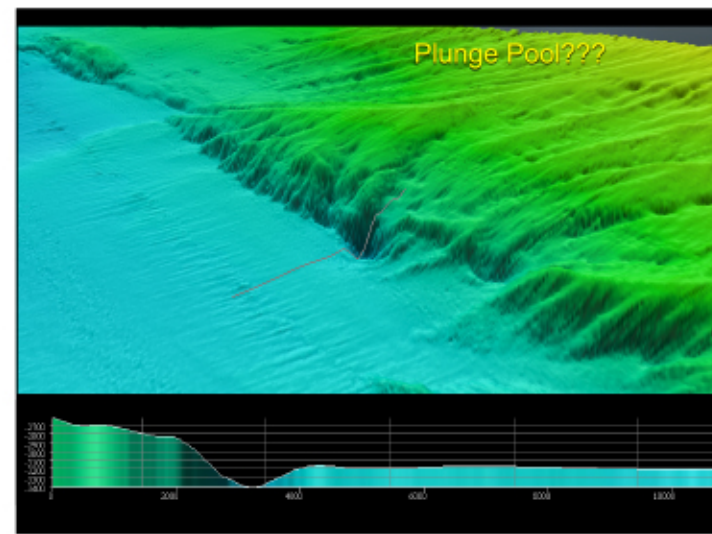
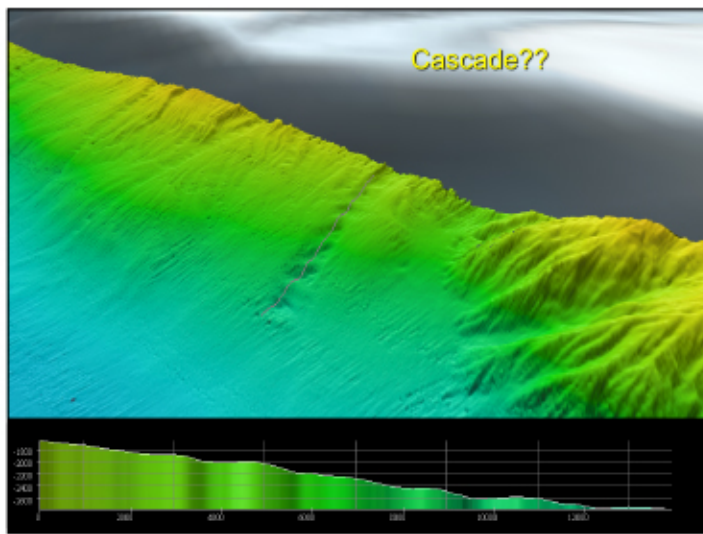
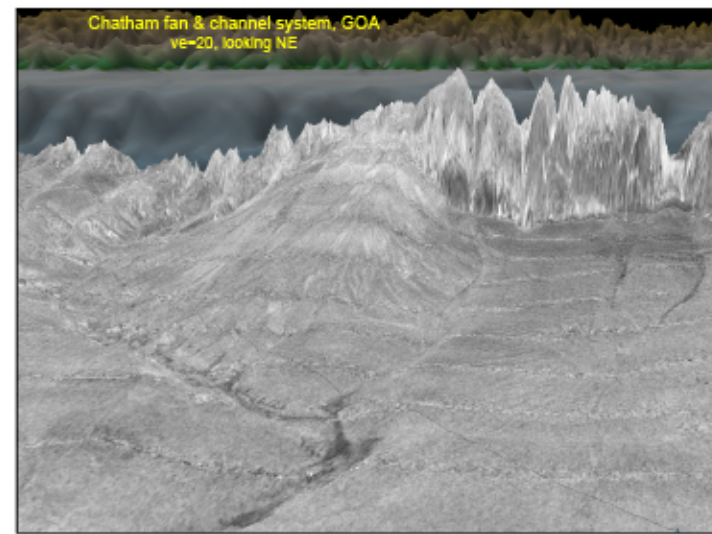
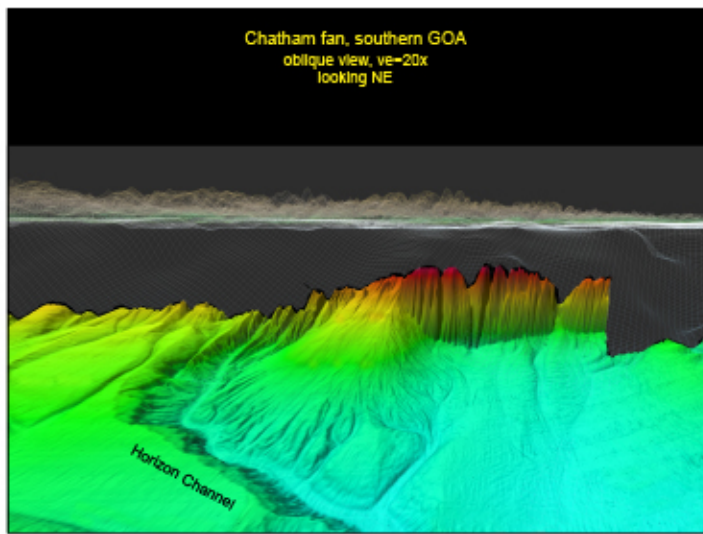
Gulf of Alaska

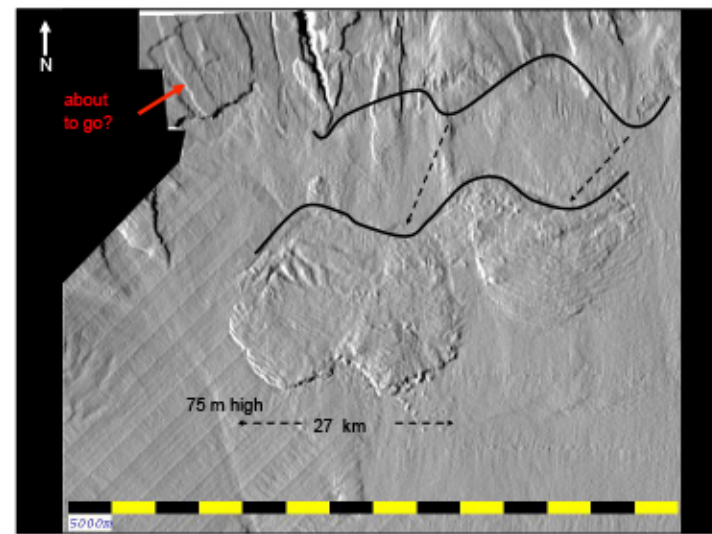
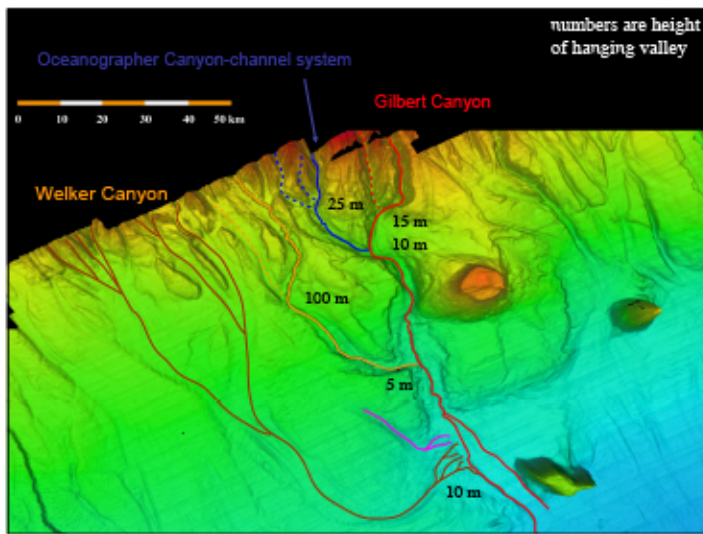
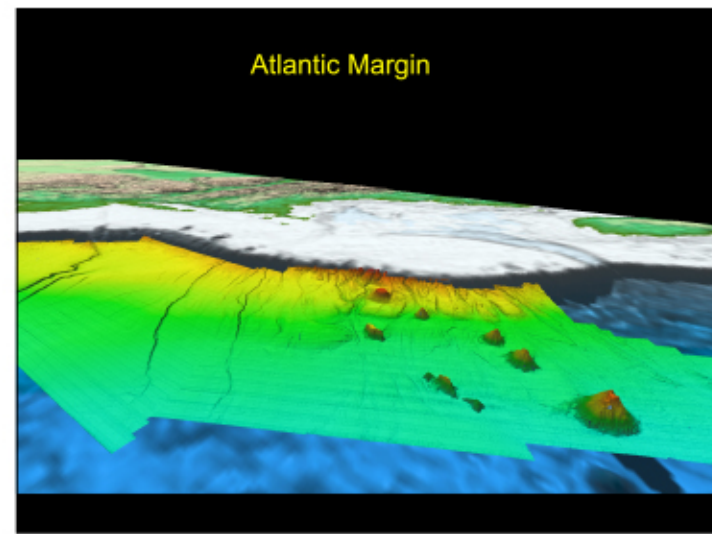
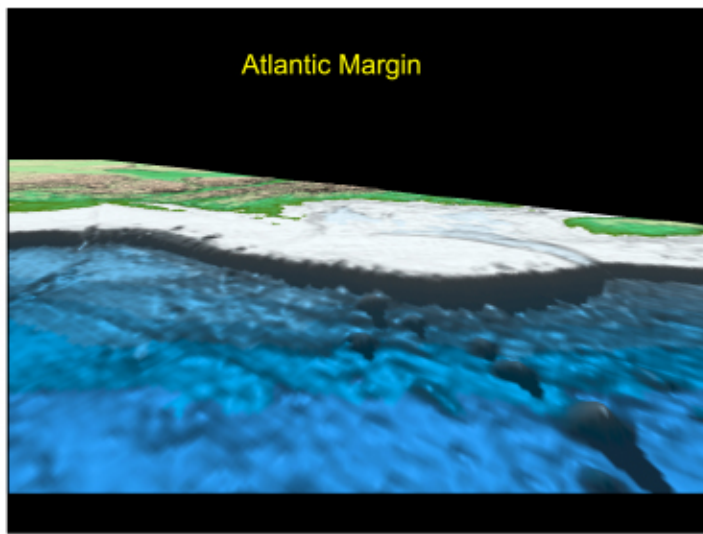


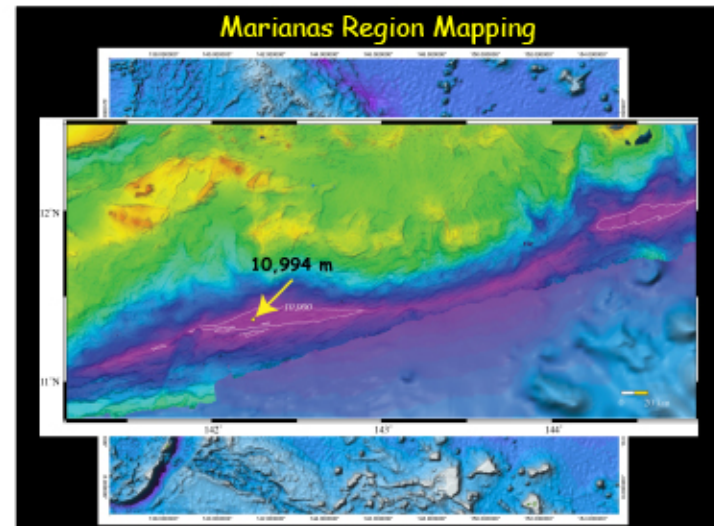
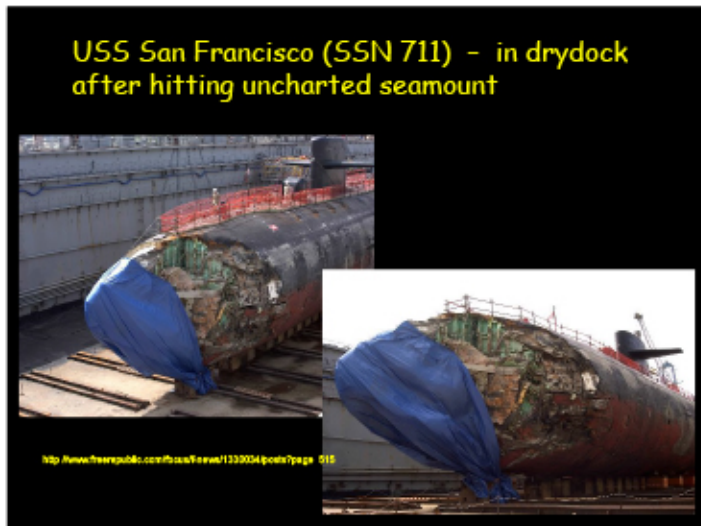
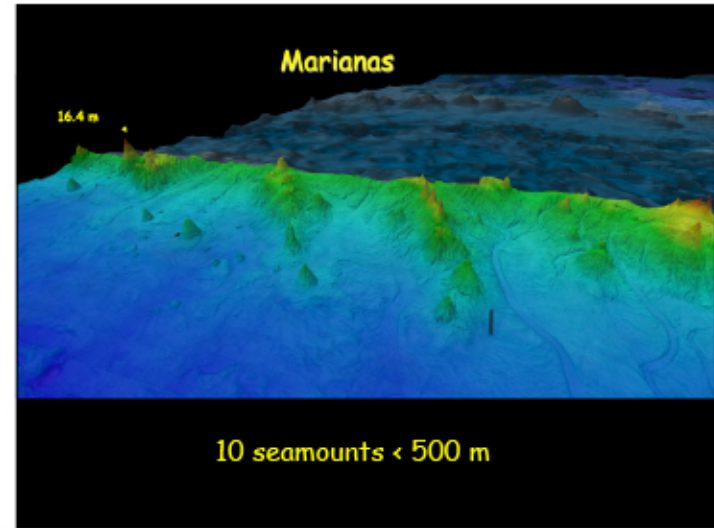
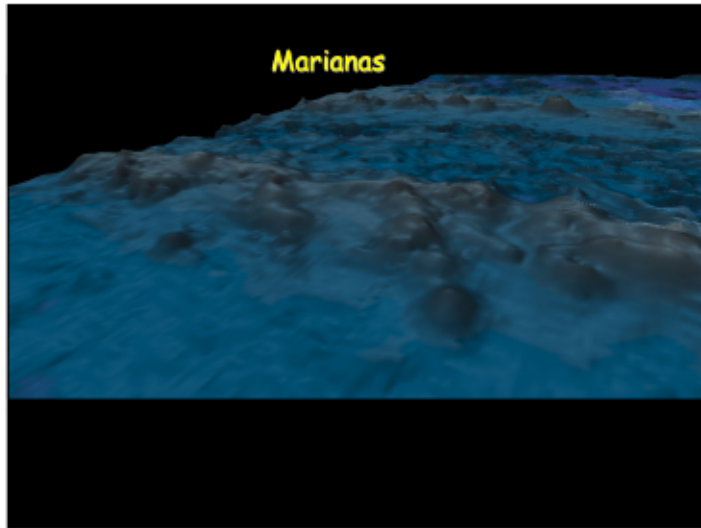
Baronof Island

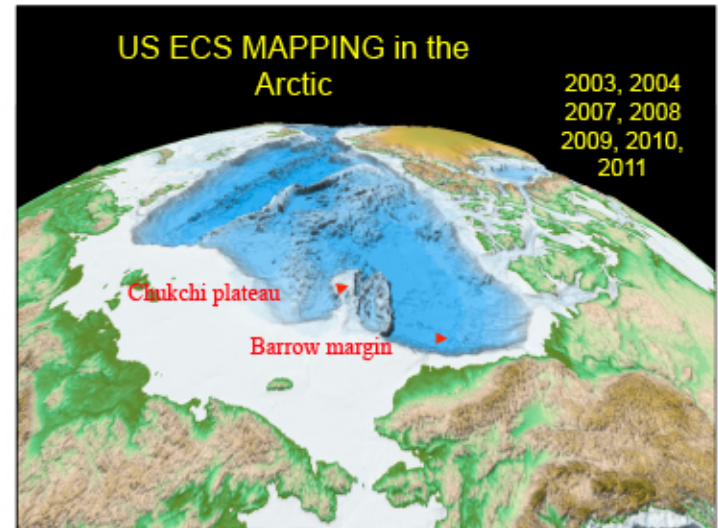
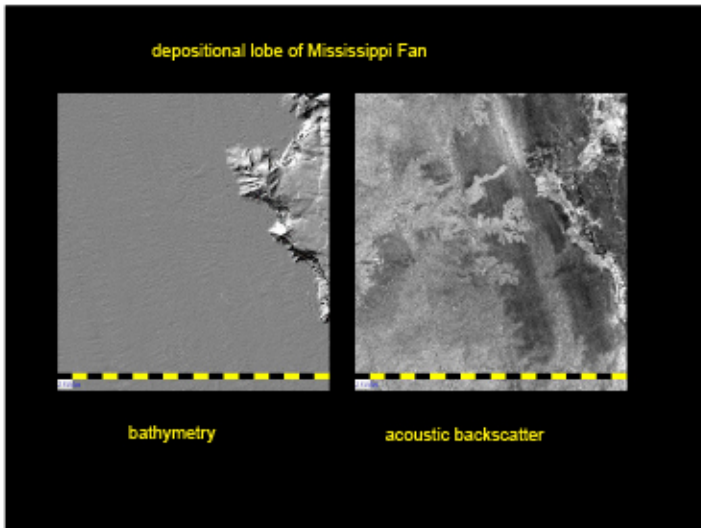
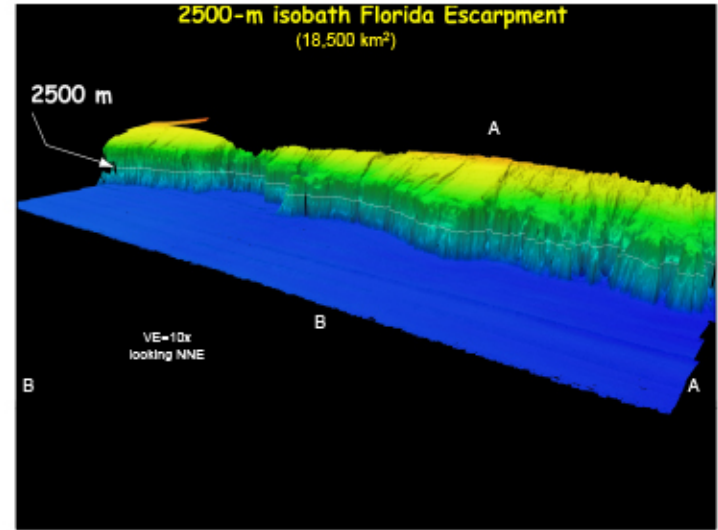
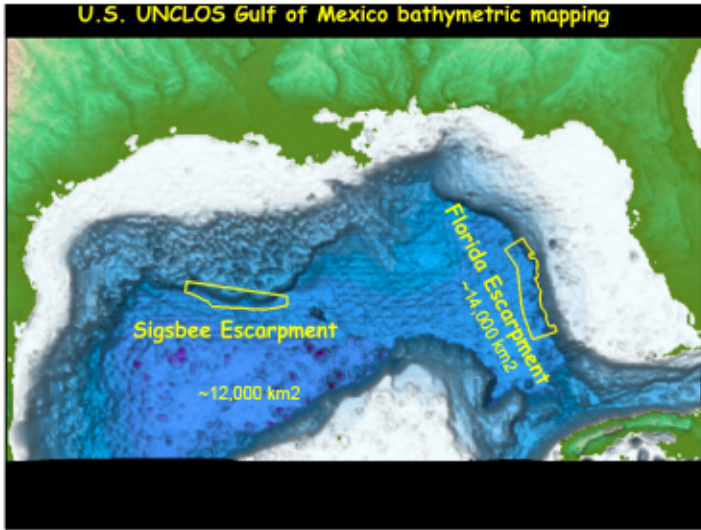
Horizon channel

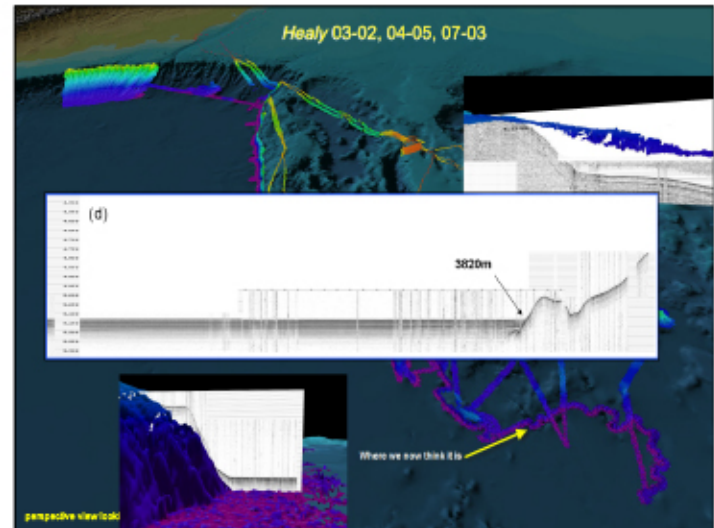
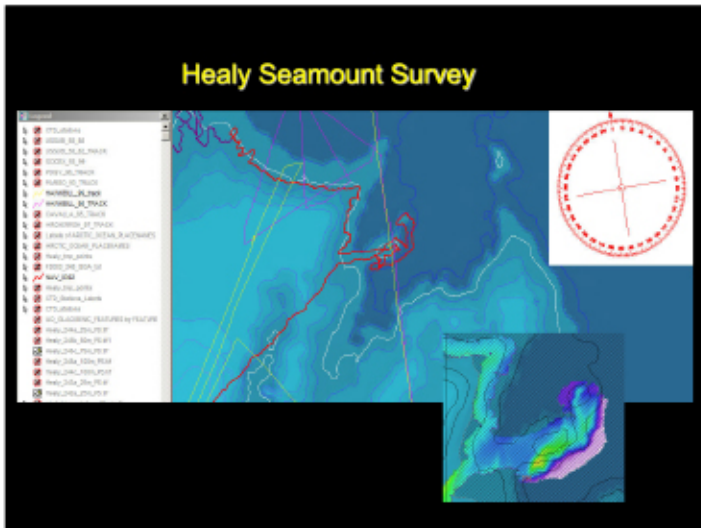
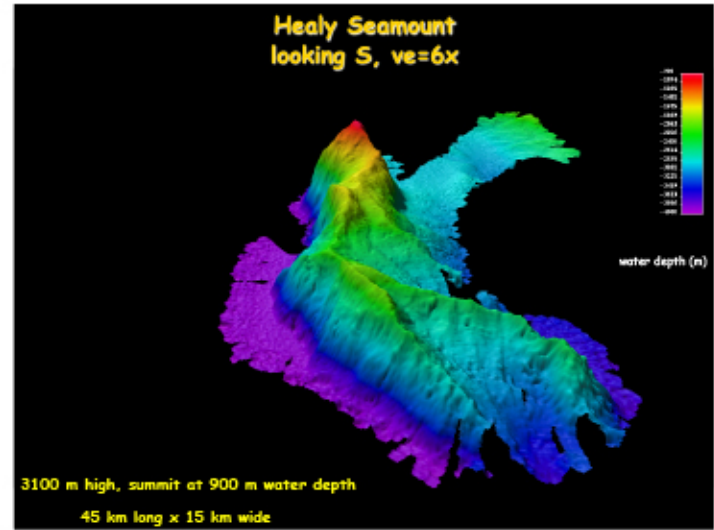
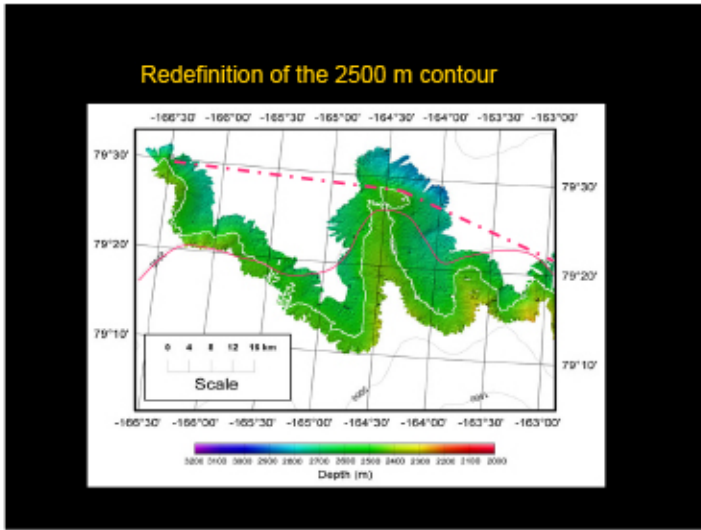


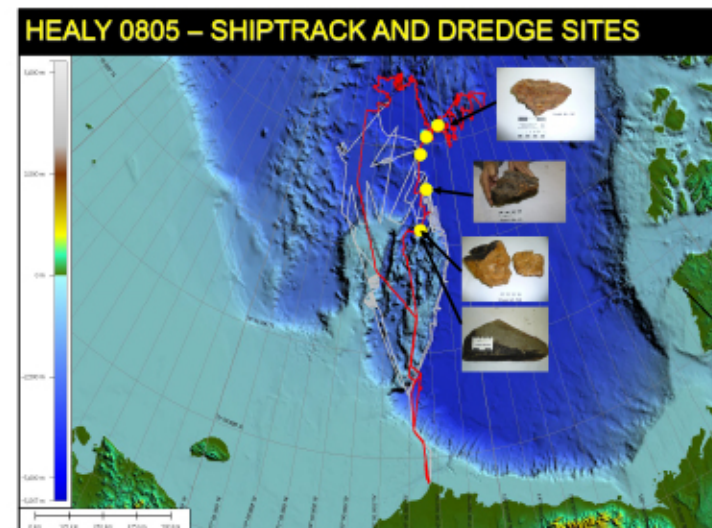
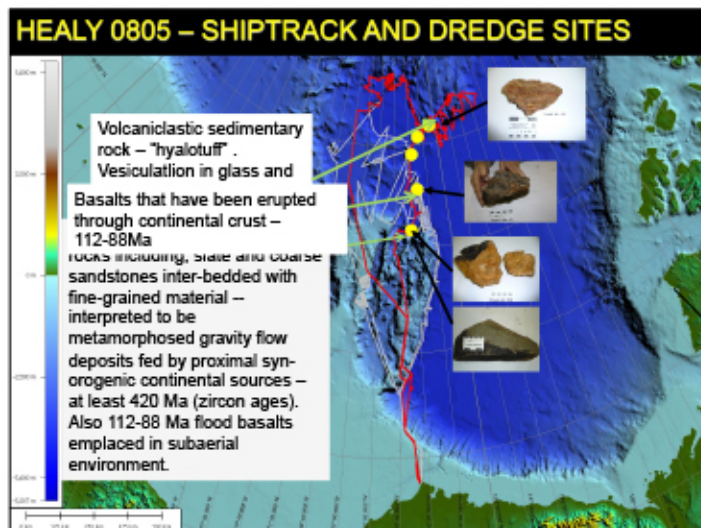
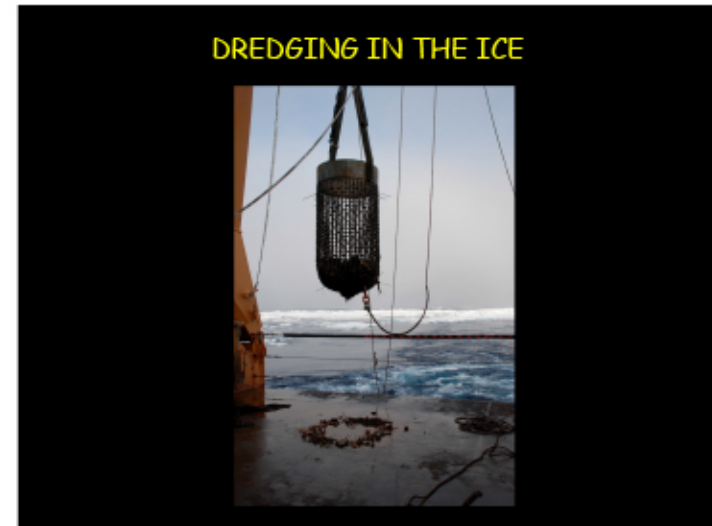
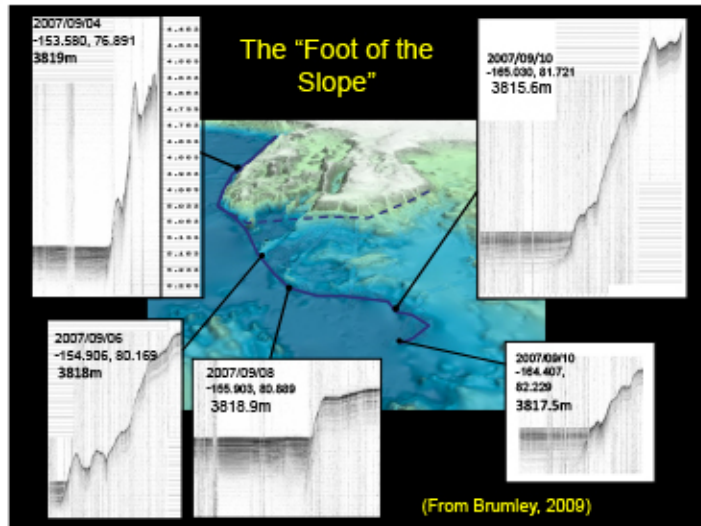








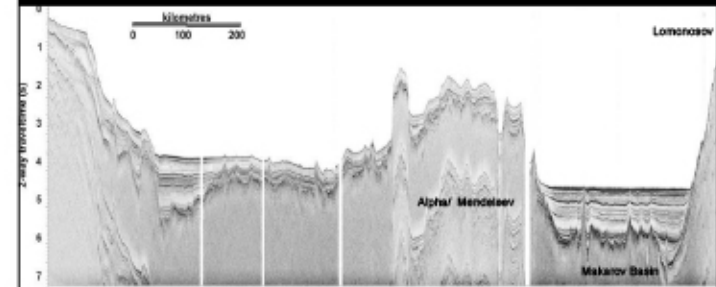




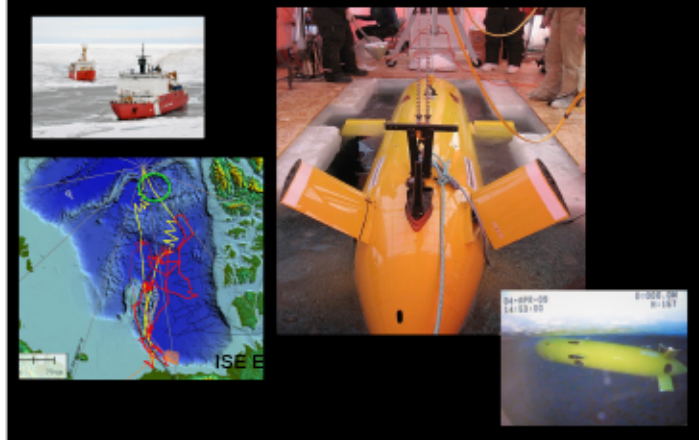
2009, 2010, 2011 Joint Ops with LSSL - seismic



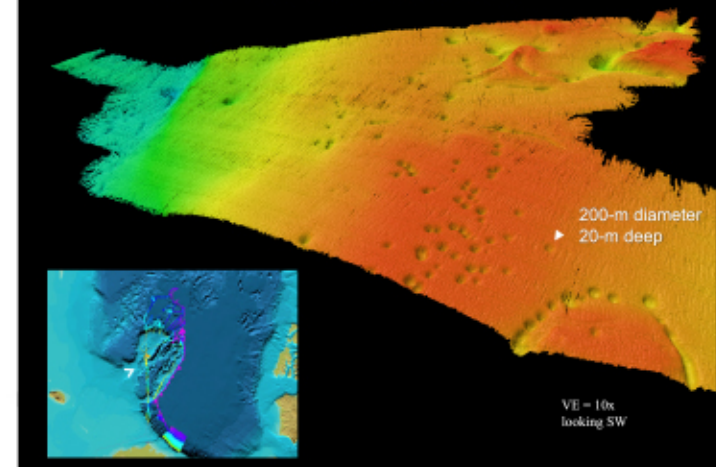
LSSL Monitor Records

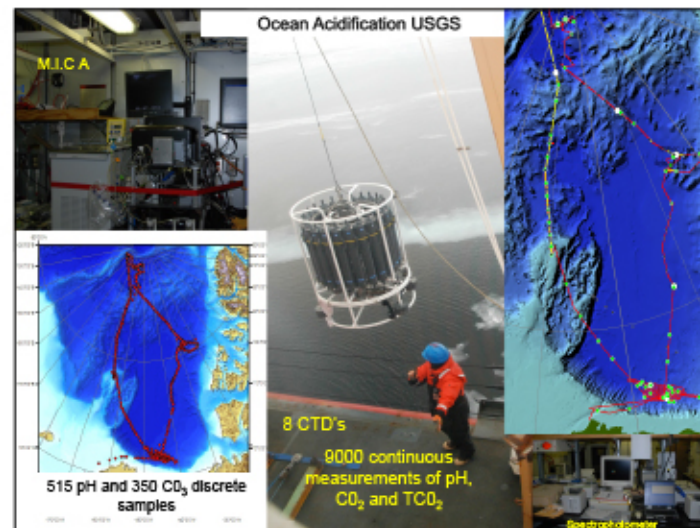
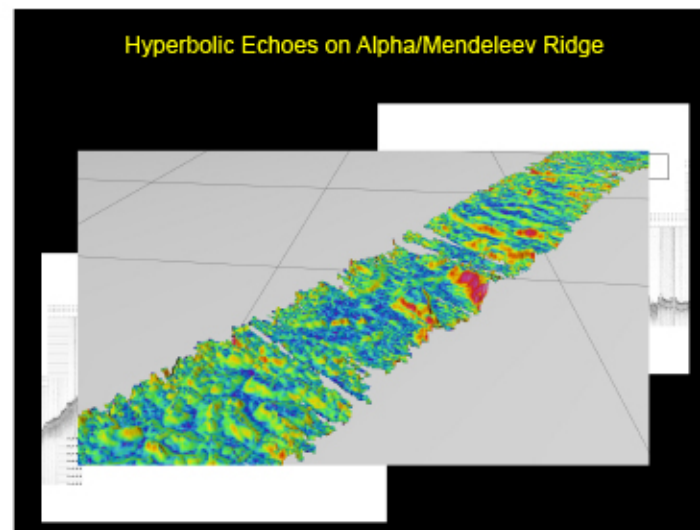
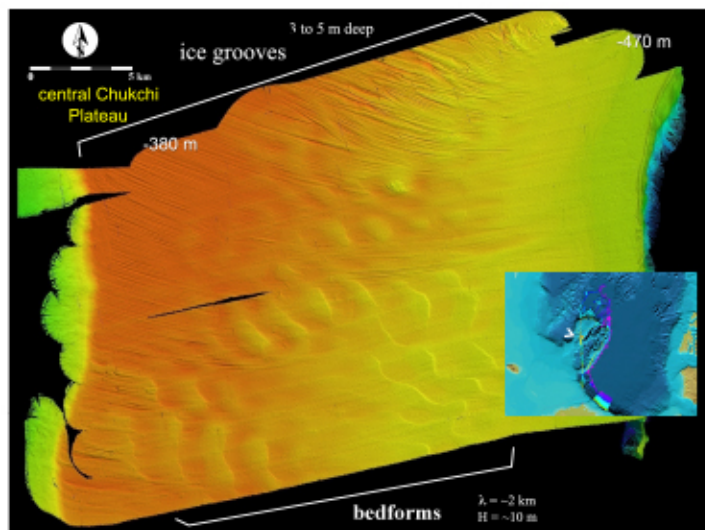


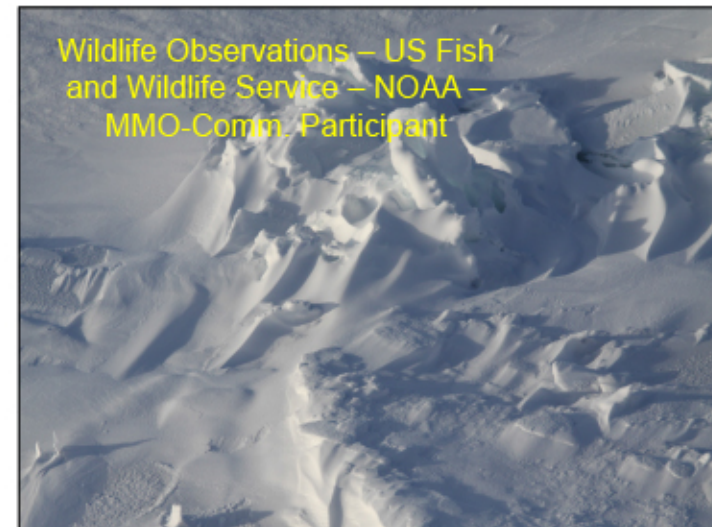
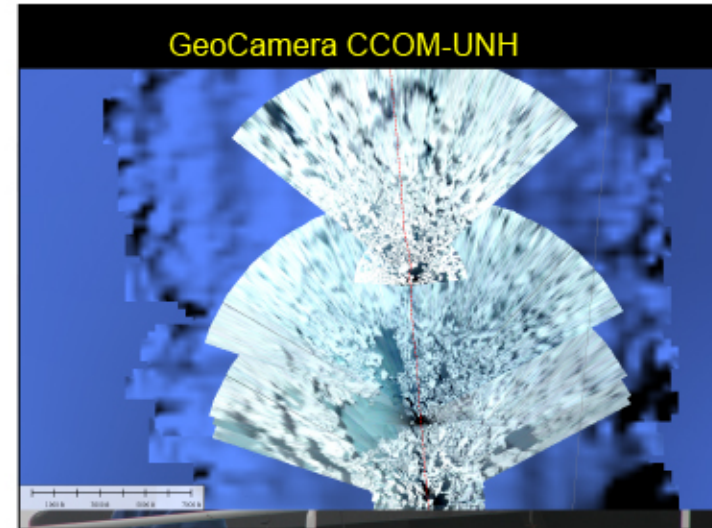
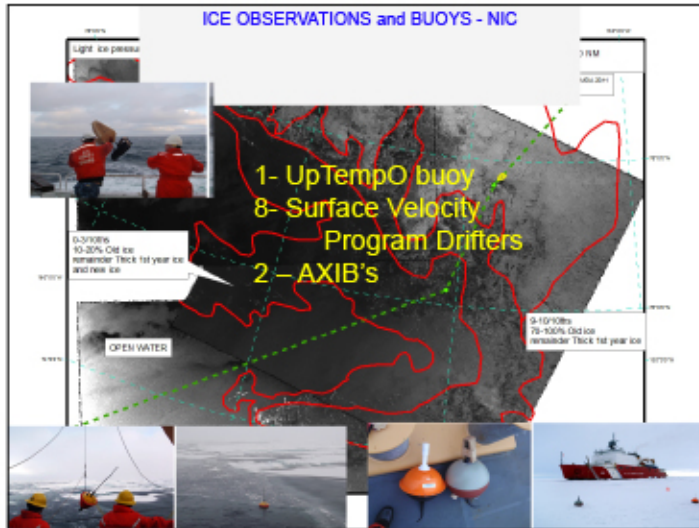
AUV OPS Louis S. St. Laurent 2011

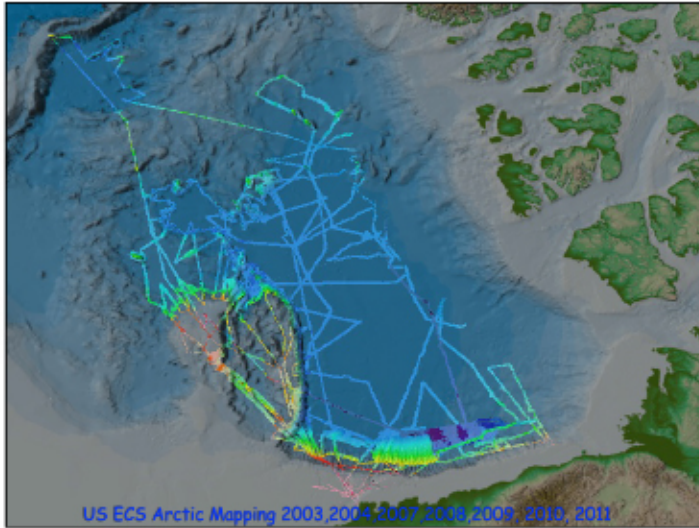


Central Chukchi Plateau pockmarks









ALL BATHYMETRIC DATA MADE AVAILABLE WITHIN A FEW MONTHS OF COLLECTION

Center for Coastal and Ocean Mapping
Joint Hydrographic Center

Law of the Sea

U.S. UNCLOS Bathymetry Project

Each Observations from Space

National Geophysical Data Center

Bathymetry & Global Relief

Rolling Deck Repository

Marine Geology & Geophysics

Geomatics Data & Models

Natural Hazards

