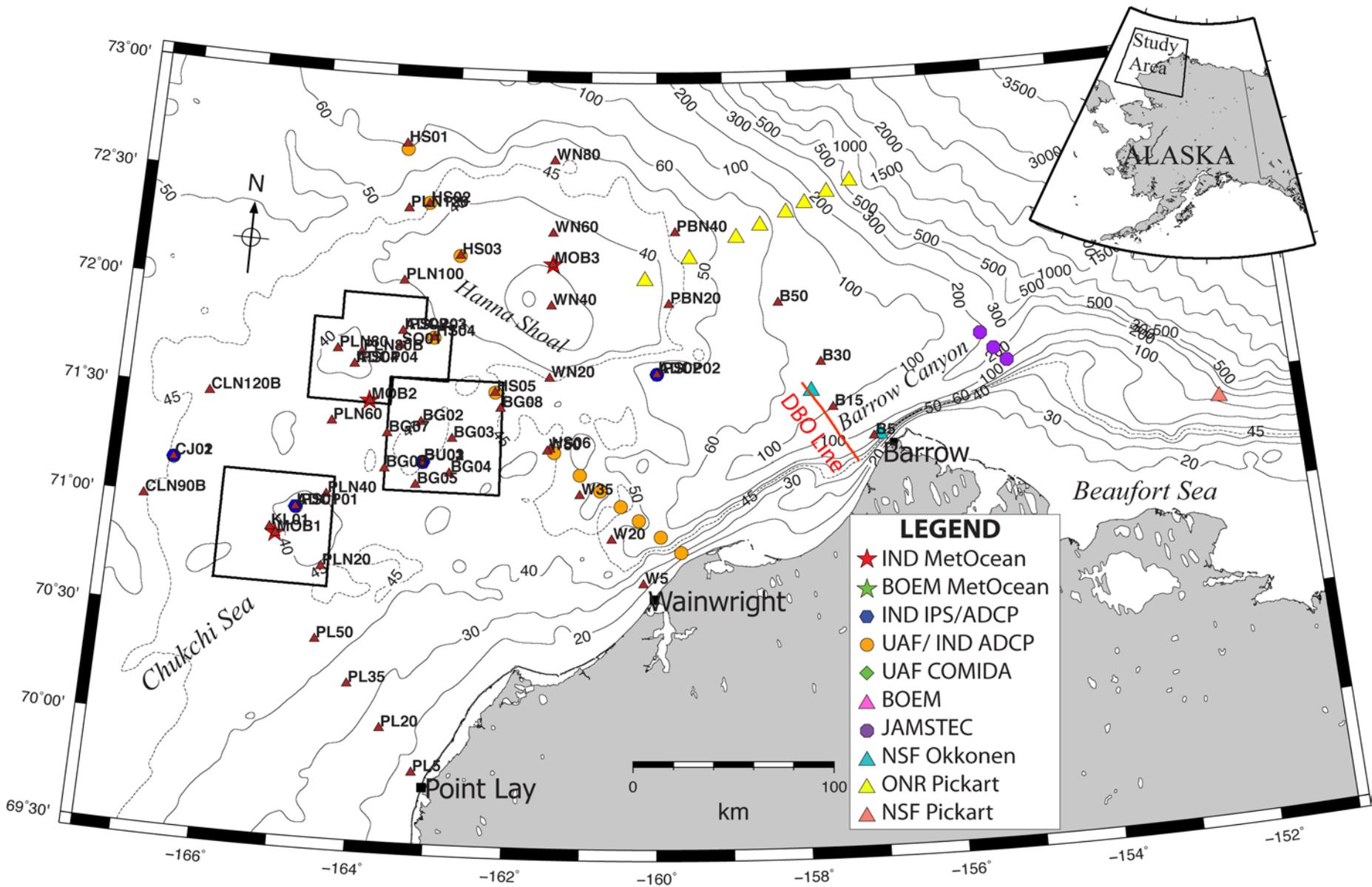
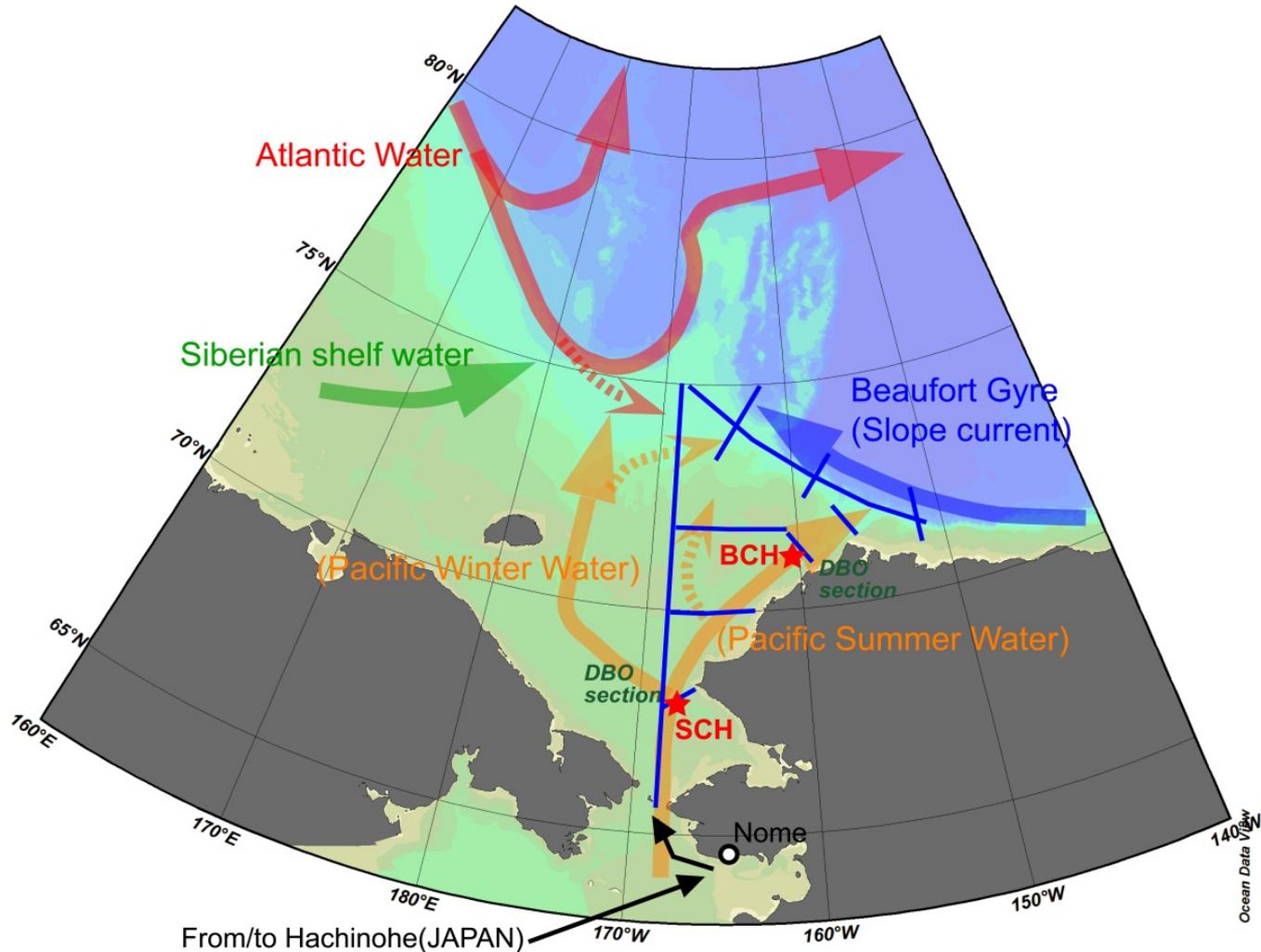


Dots indicate Grebmeier time series benthic sites; line indicate current and proposed DBO transect lines; squares are general area of interest for evaluating time series T, S, ice cover, benthos, sed grain size; dotted lines indicate Russian access required (DBO3) and 2012 extension of BC line towards Hanna Shoal (DBO5)

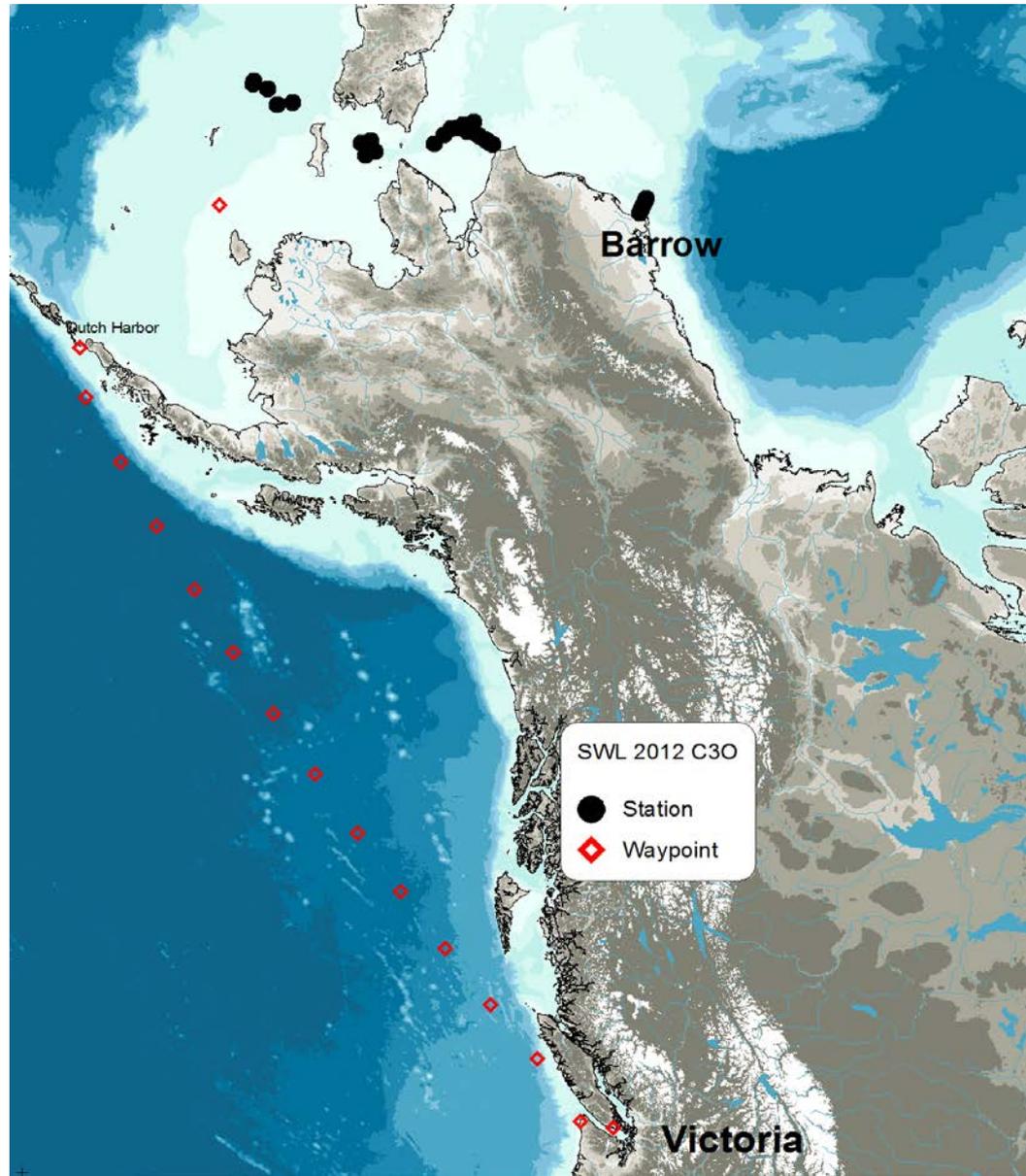
2012 moorings—need update



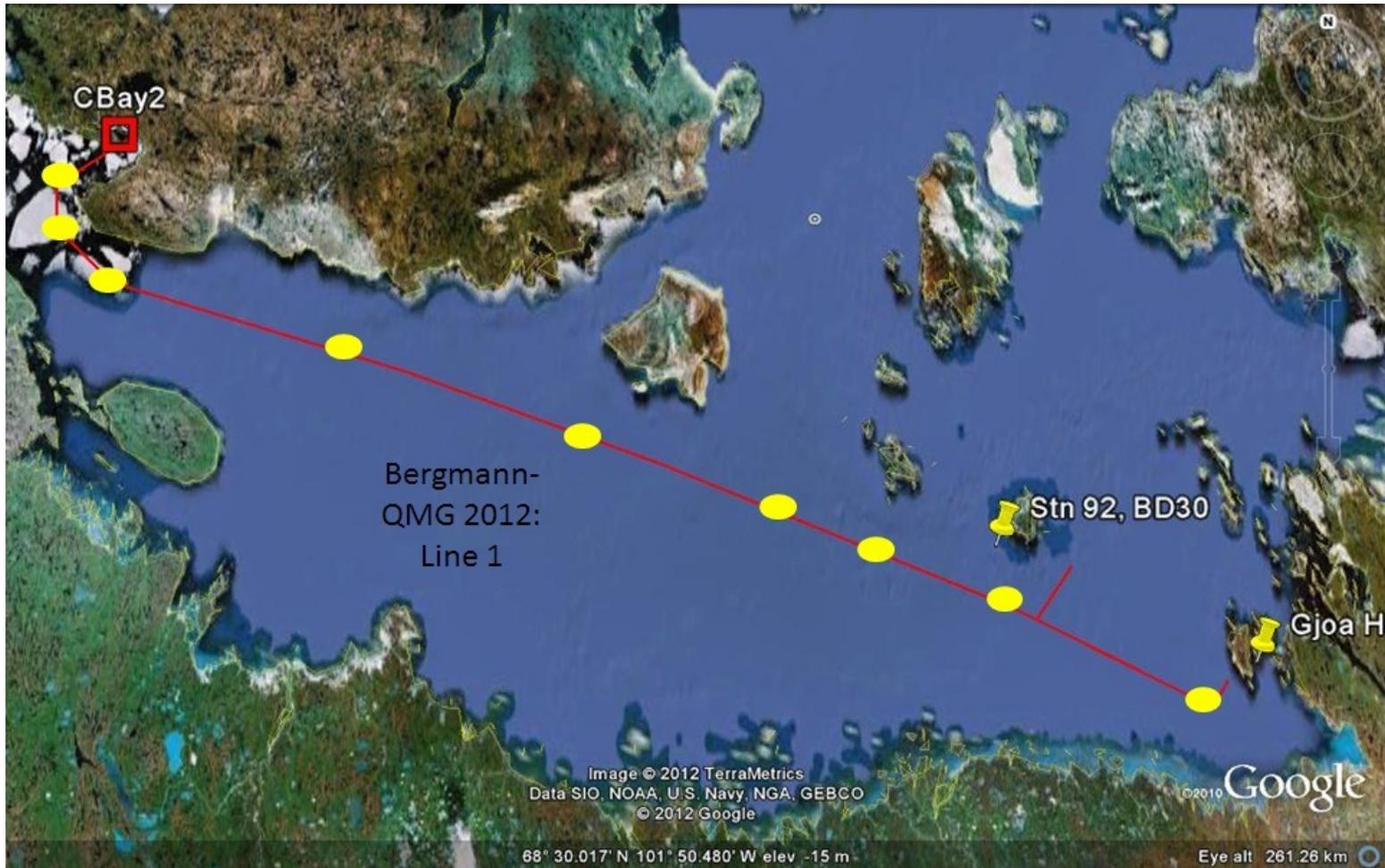
R/V Mirai Arctic cruise in Sept.-Oct. 2012



CCGS Sir Wilfrid Laurier, Leg 1-DBO, July 4-22, 2012

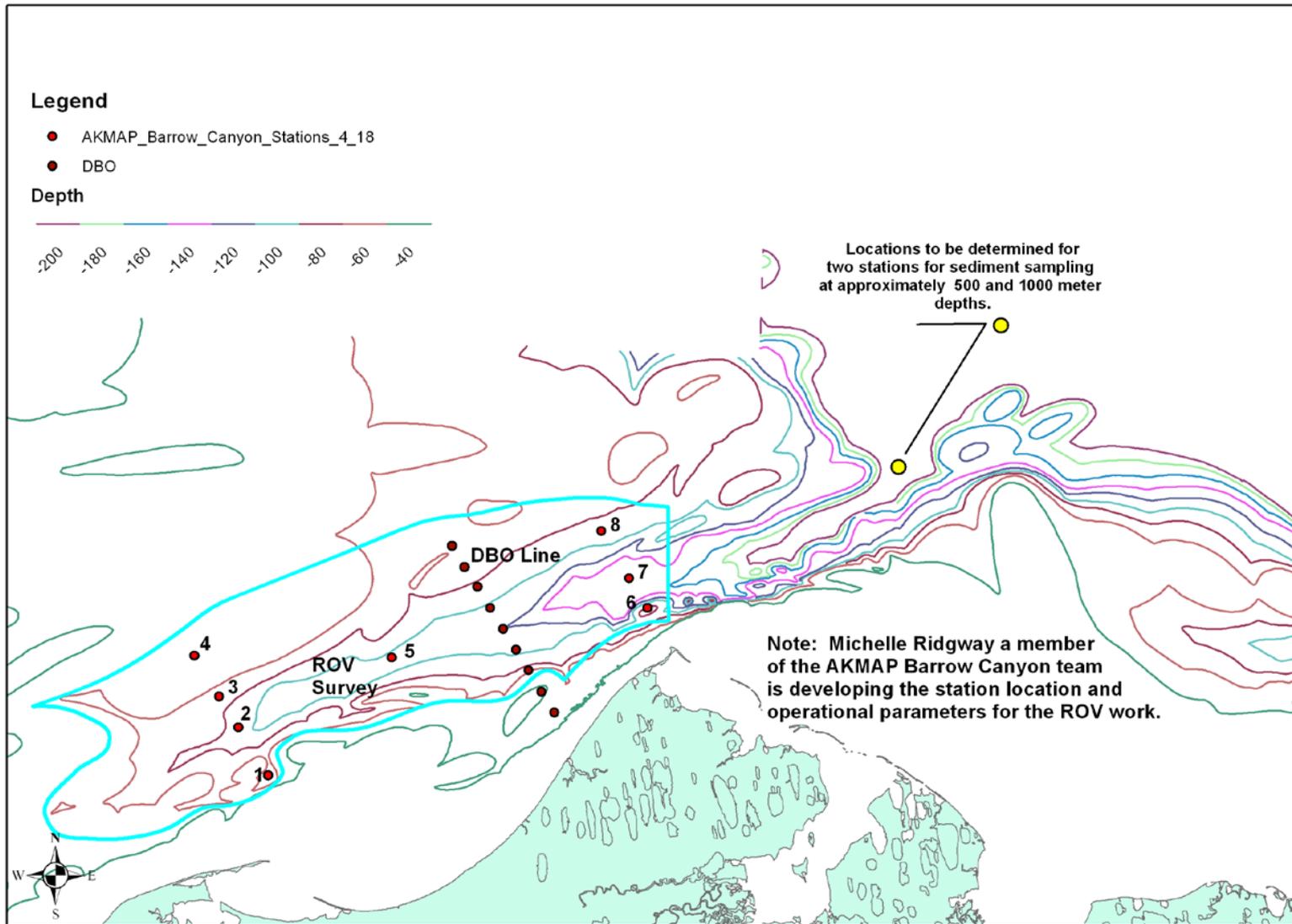


August 2012



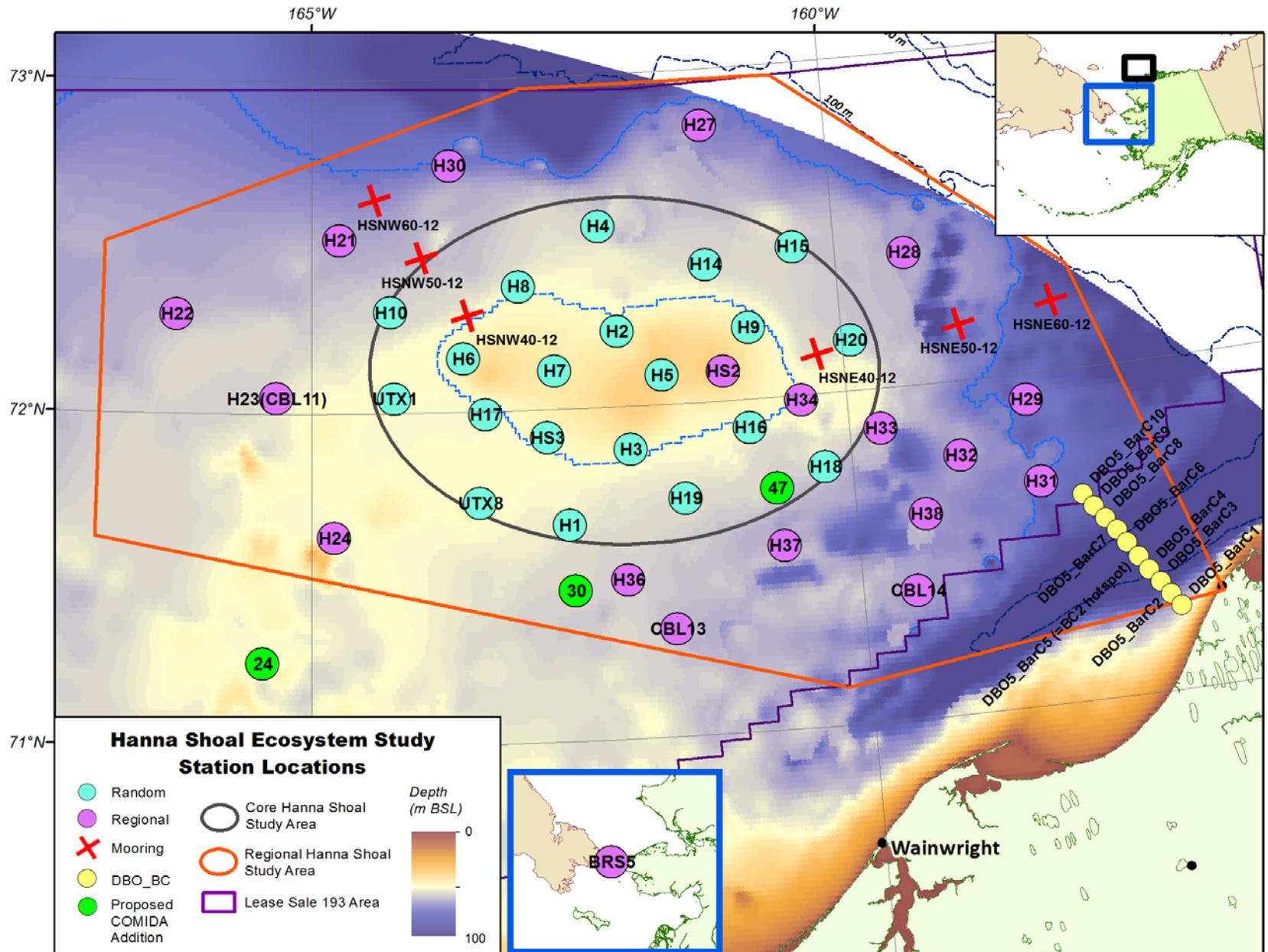
Alaska Monitoring and Assessment Program Barrow (AKMAP) Canyon Stations

(Note: NOAA Barrow Canyon DBO line also shown.)



DRAFT MAP 4/18/2012 - Alaska Department of Environmental Conservation and University of Alaska Institute of Marine Science. For 2011 AKMAP Barrow Canyon stations proposal to NOAA for RV Fairweather support.

HLY1201-Grebmeier, Aug 5-25, 2012

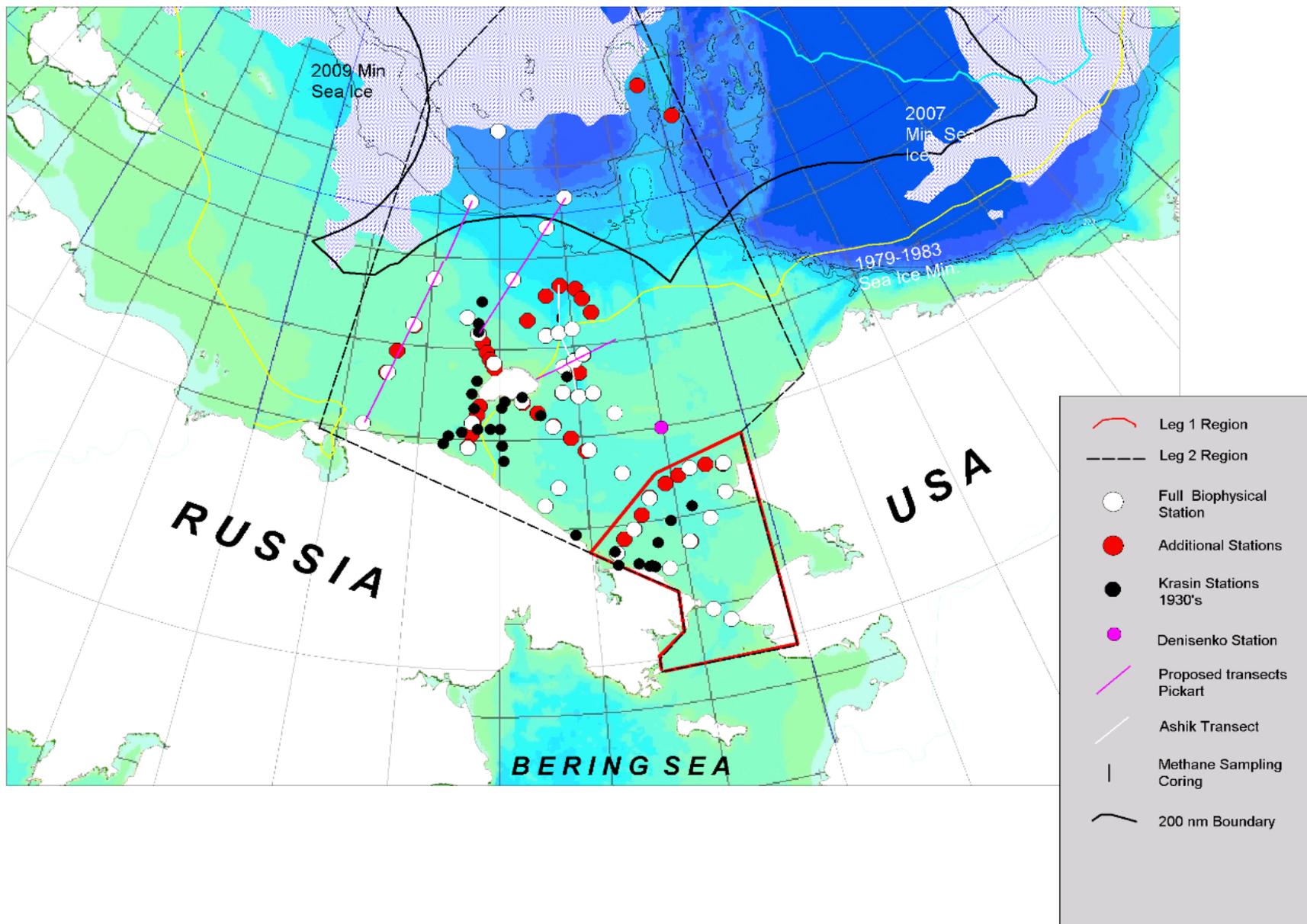


Hanna Shoal Ecosystem Study Station Locations

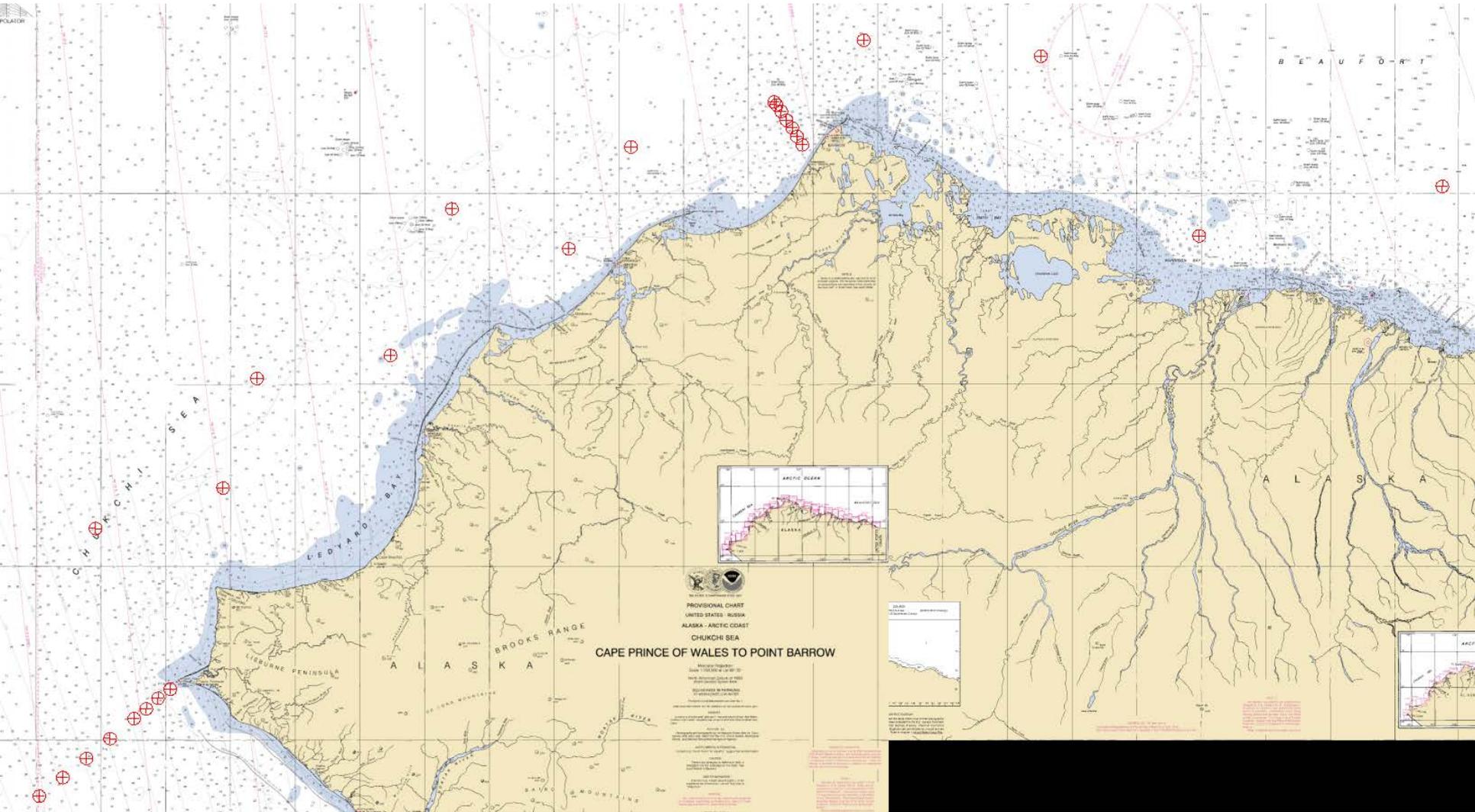
- Random
- Regional
- ✕ Mooring
- DBO_BC
- Proposed COMIDA Addition
- Core Hanna Shoal Study Area
- Regional Hanna Shoal Study Area
- Lease Sale 193 Area

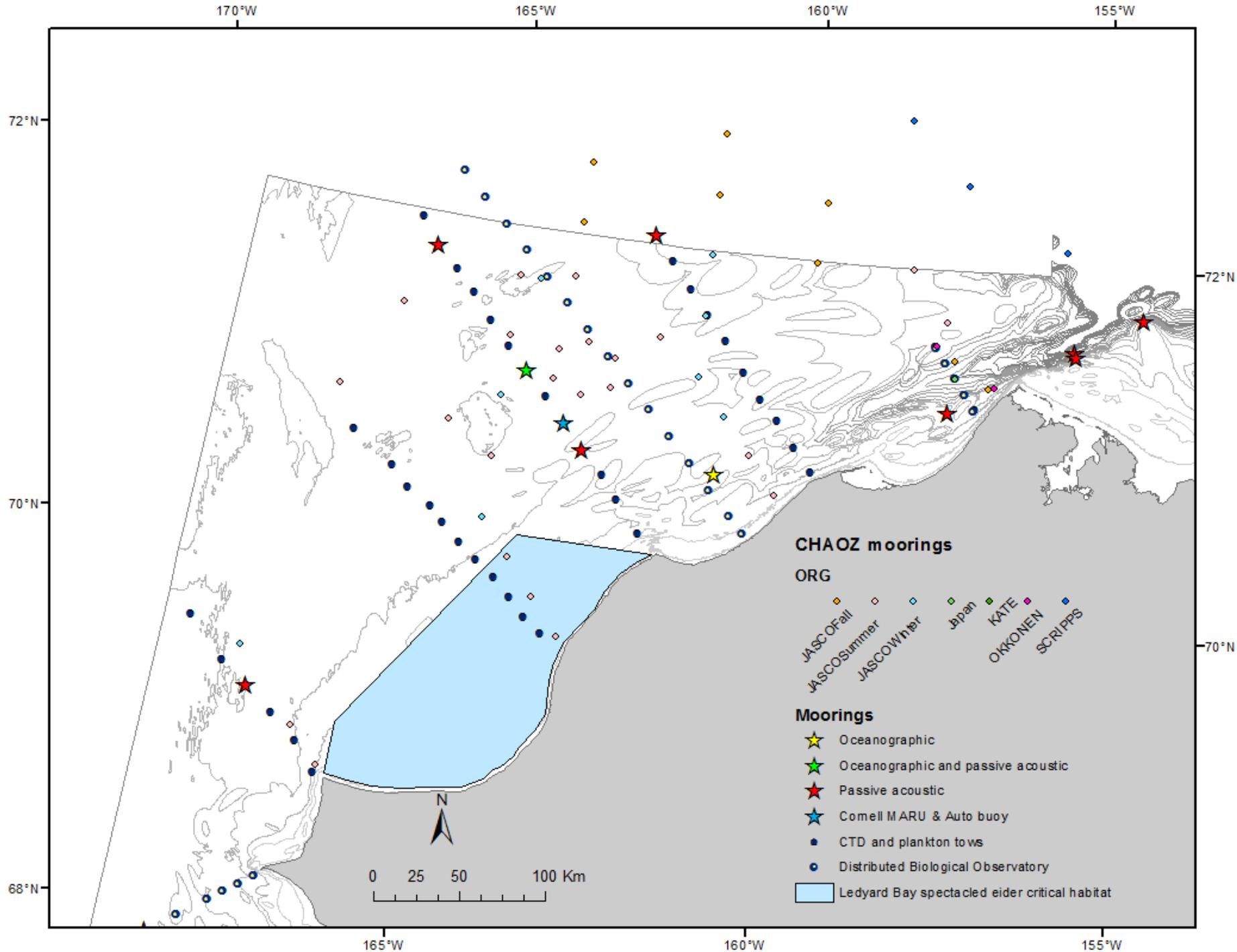


2012 Proposed RUSALCA Leg 2 Stations

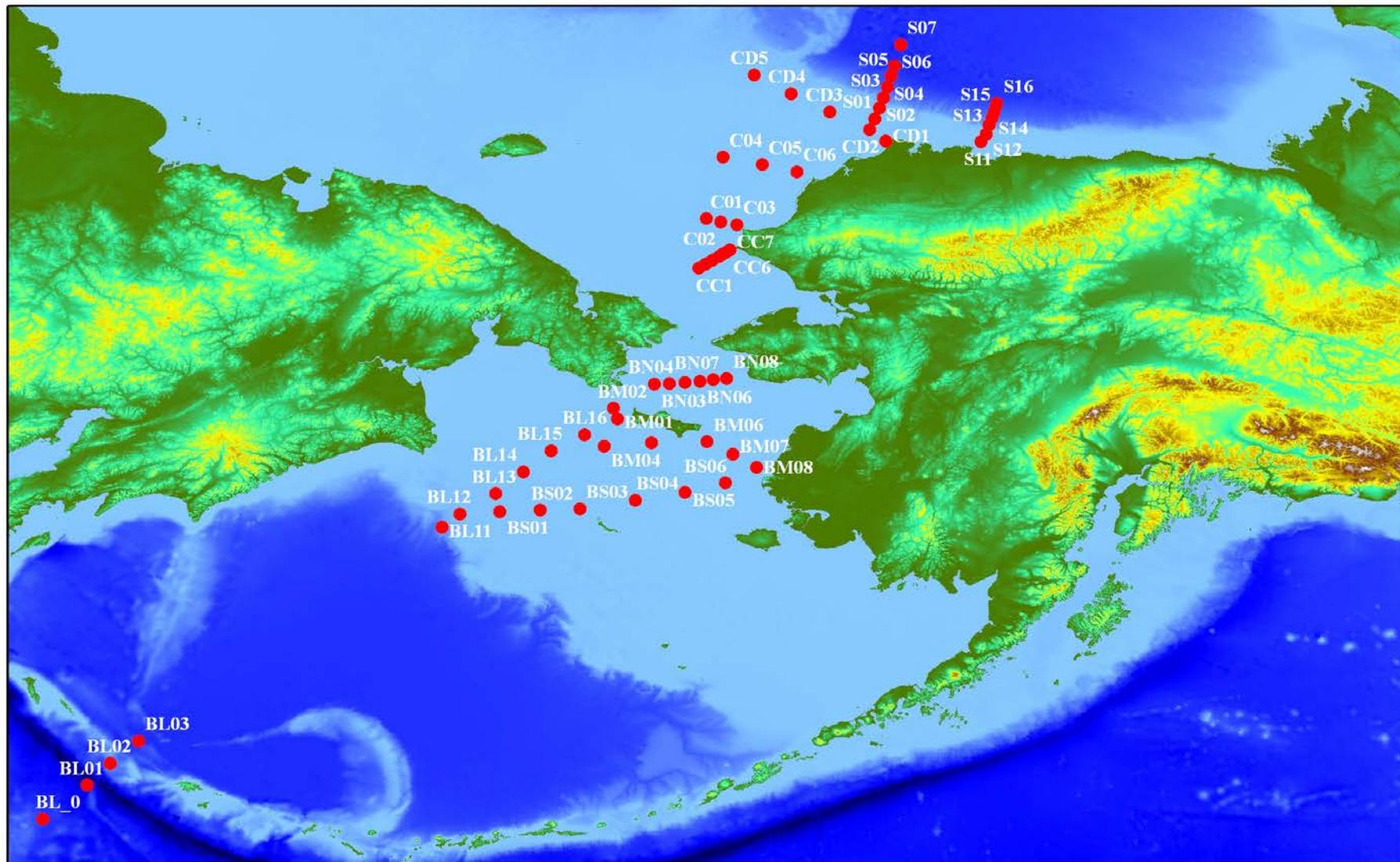


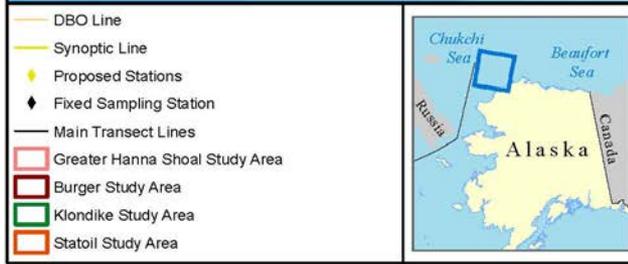
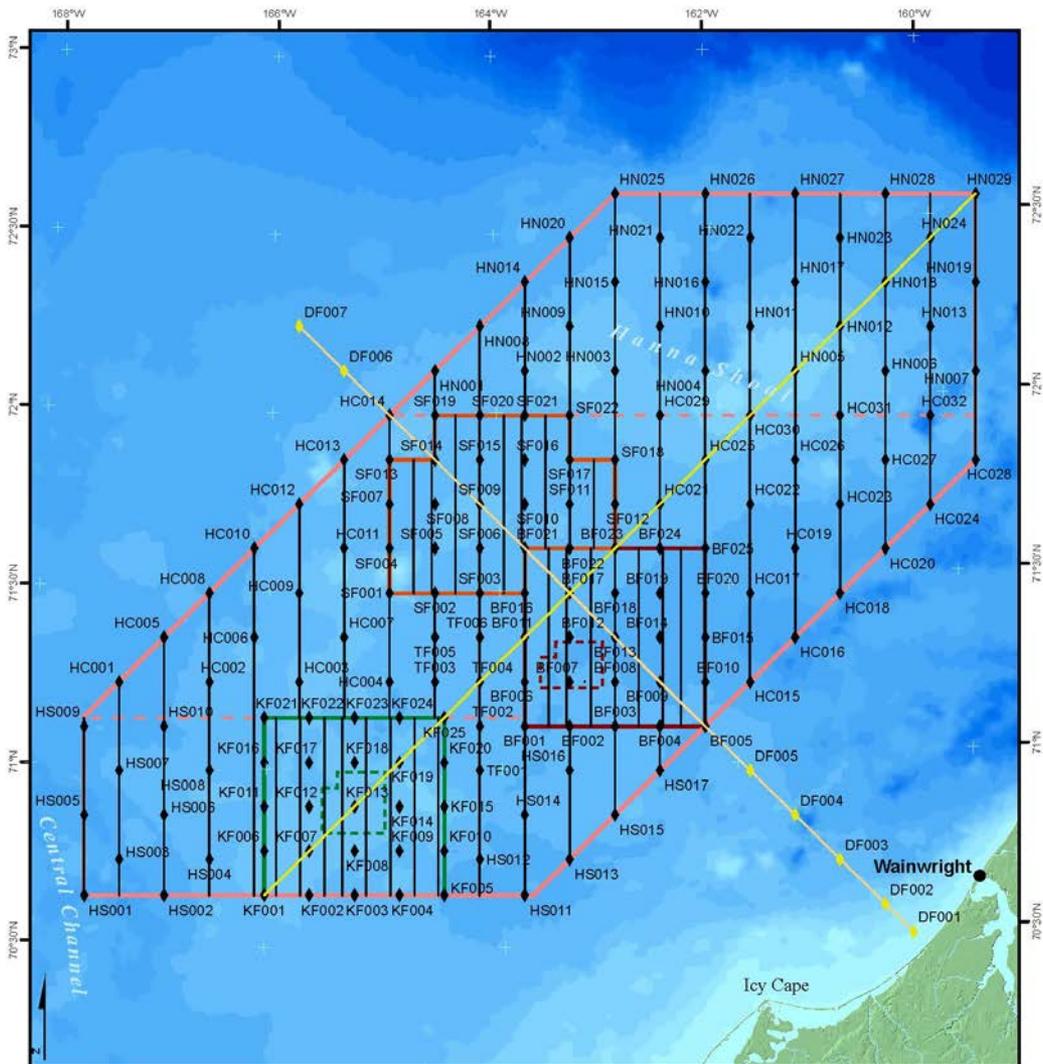
Round 2- Fairweather





Xuelong 2012, Aug-Sept





- DBO Line
- Synoptic Line
- ◆ Proposed Stations
- ♦ Fixed Sampling Station
- Main Transect Lines
- Greater Hanna Shoal Study Area
- Burger Study Area
- Klondike Study Area
- Statoil Study Area

Chukchi Sea Environmental Studies Plan
Chukchi Sea 2012
 Proposed Sampling Stations

0 5 10 20 30 40
 Nautical Miles
 UTM 3 NAD 1983

Olgoonik
 Fairweather LLC

HLY1203-Pickart AON, Oct 2012

