

BEST summer cruise 2008

28 days

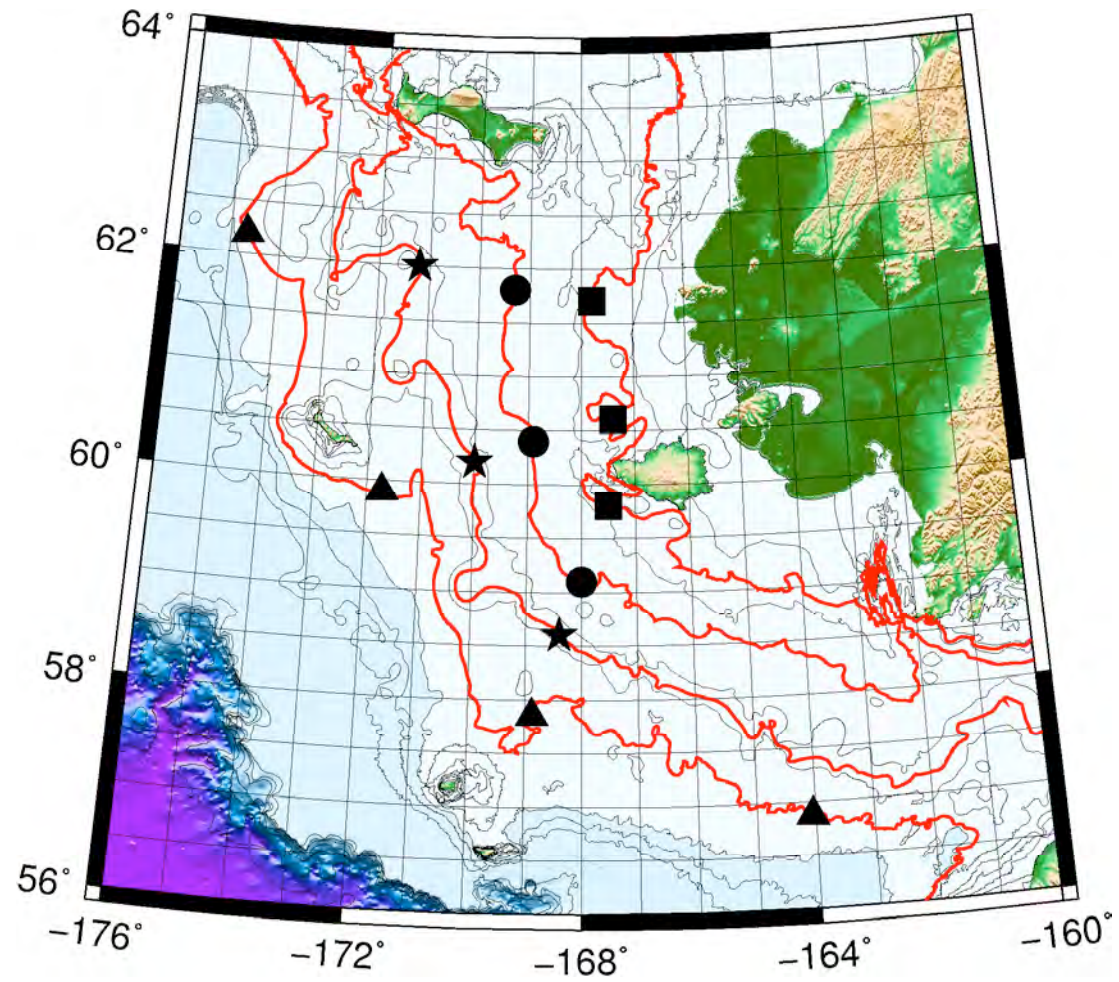
June 20 - July 19, 2008

Chief scientist - R. Sambrotto

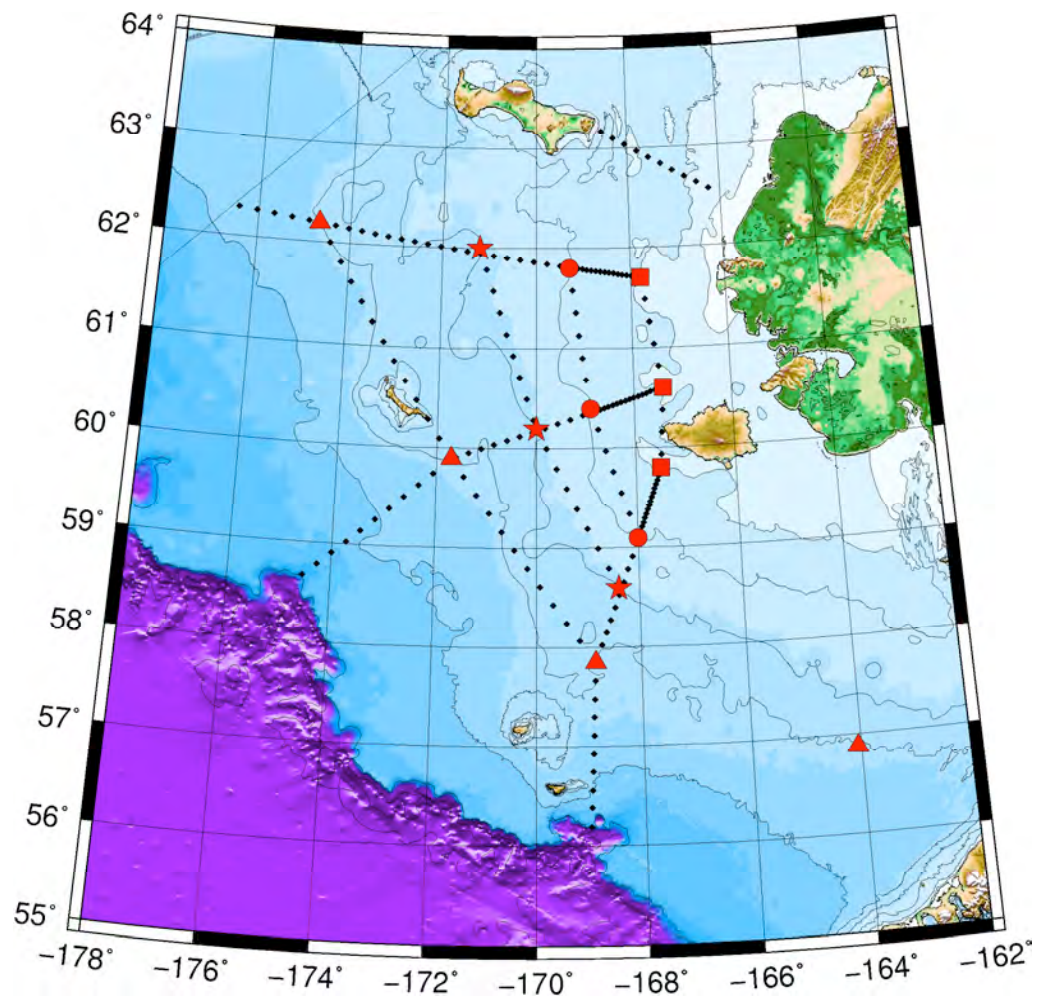
Major summer cruise goals

- Characterize summer conditions on central and northern shelf.
- Define evolution of physical and biological features from spring cruise.
- Deploy 10 moorings on 3 cross-shelf lines.

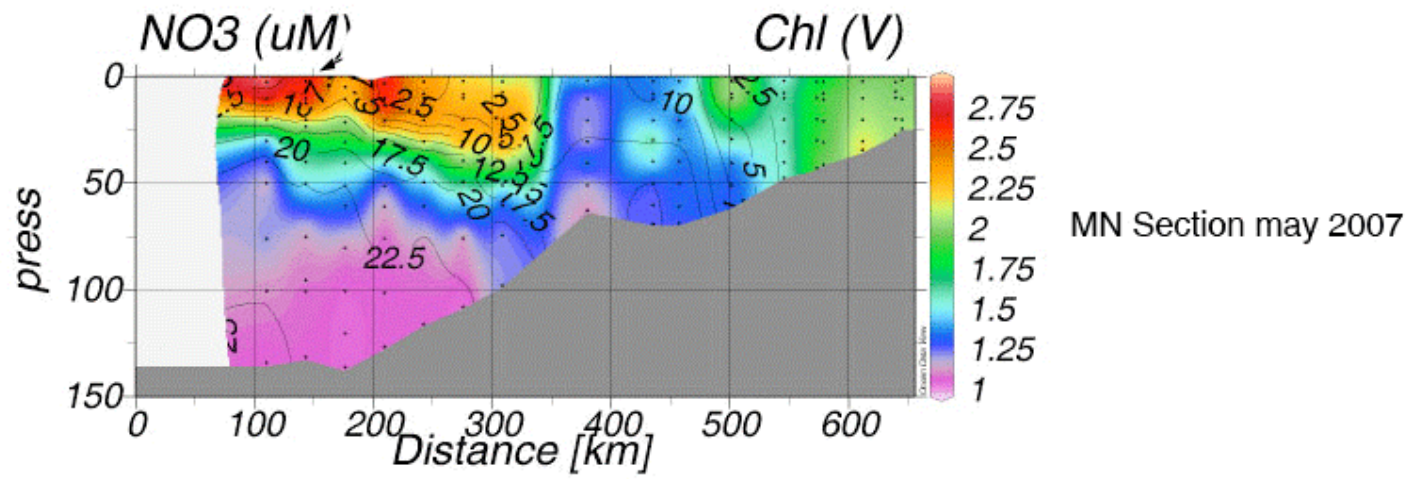
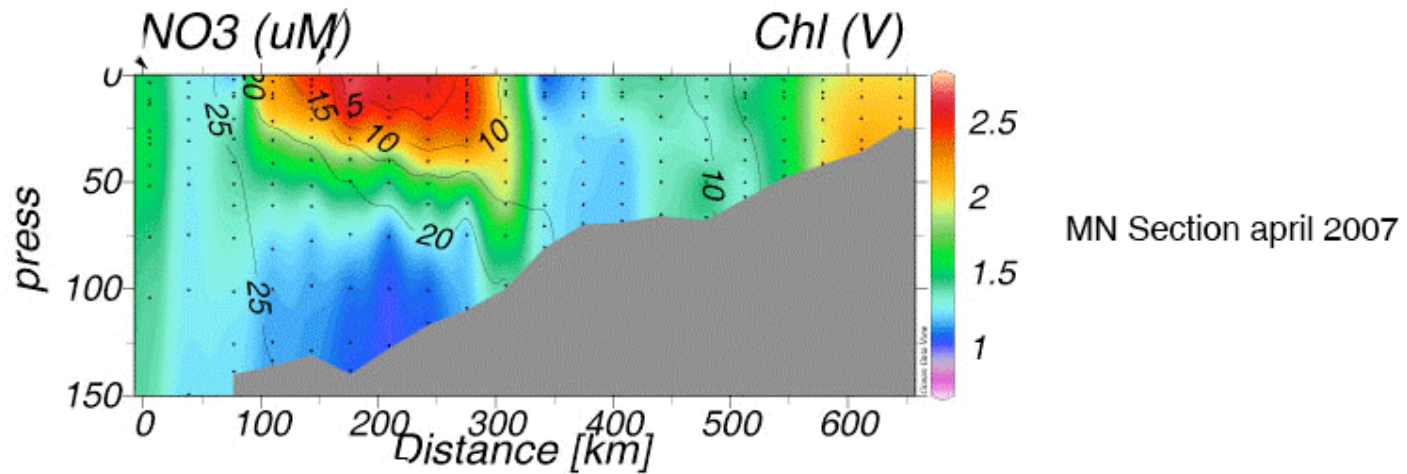
BEST MOORING PLAN (Aagaard, Danielson and Weingartner)



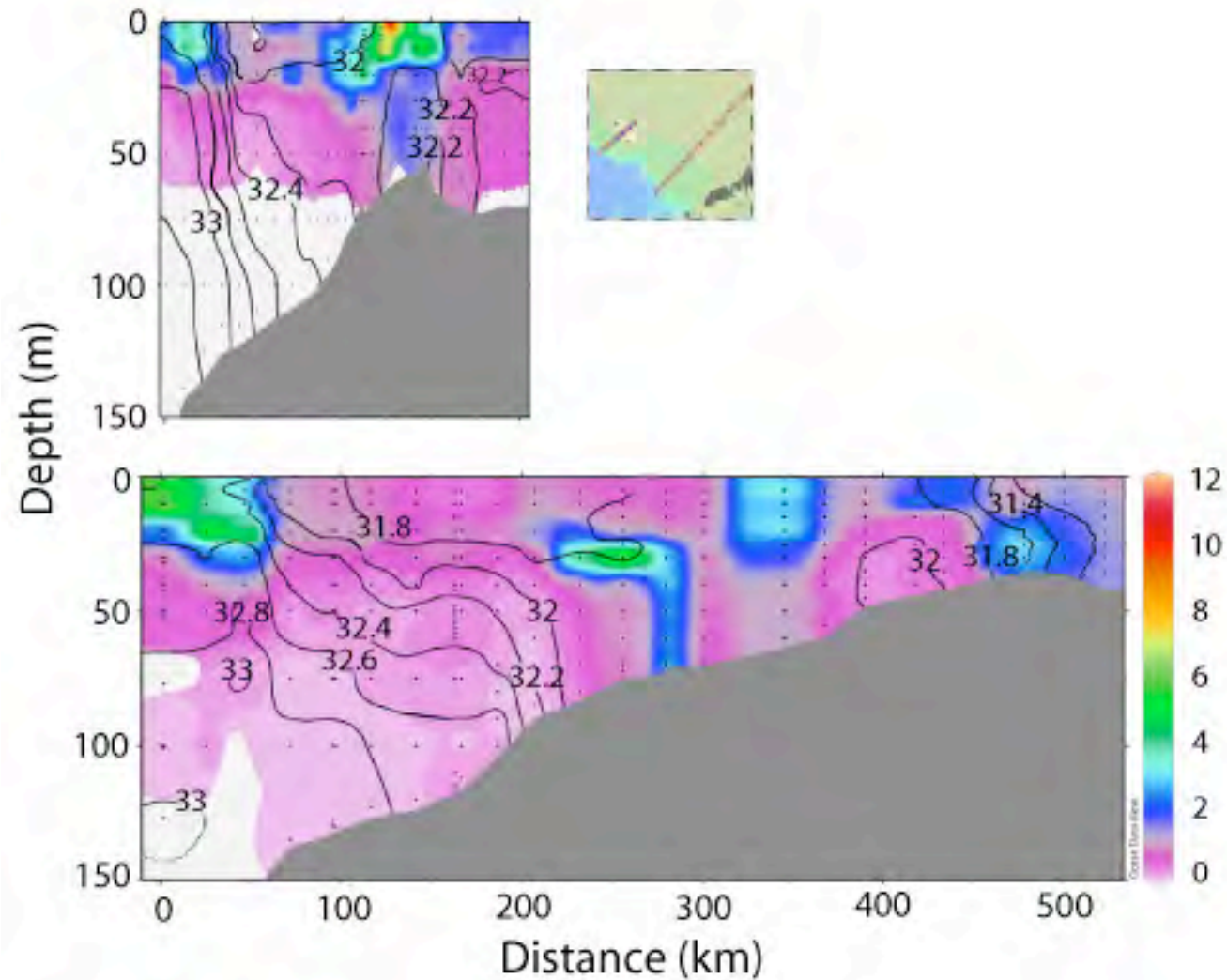
Suggested CTD station Grid (Aagaard, Danielson and Weingartner)



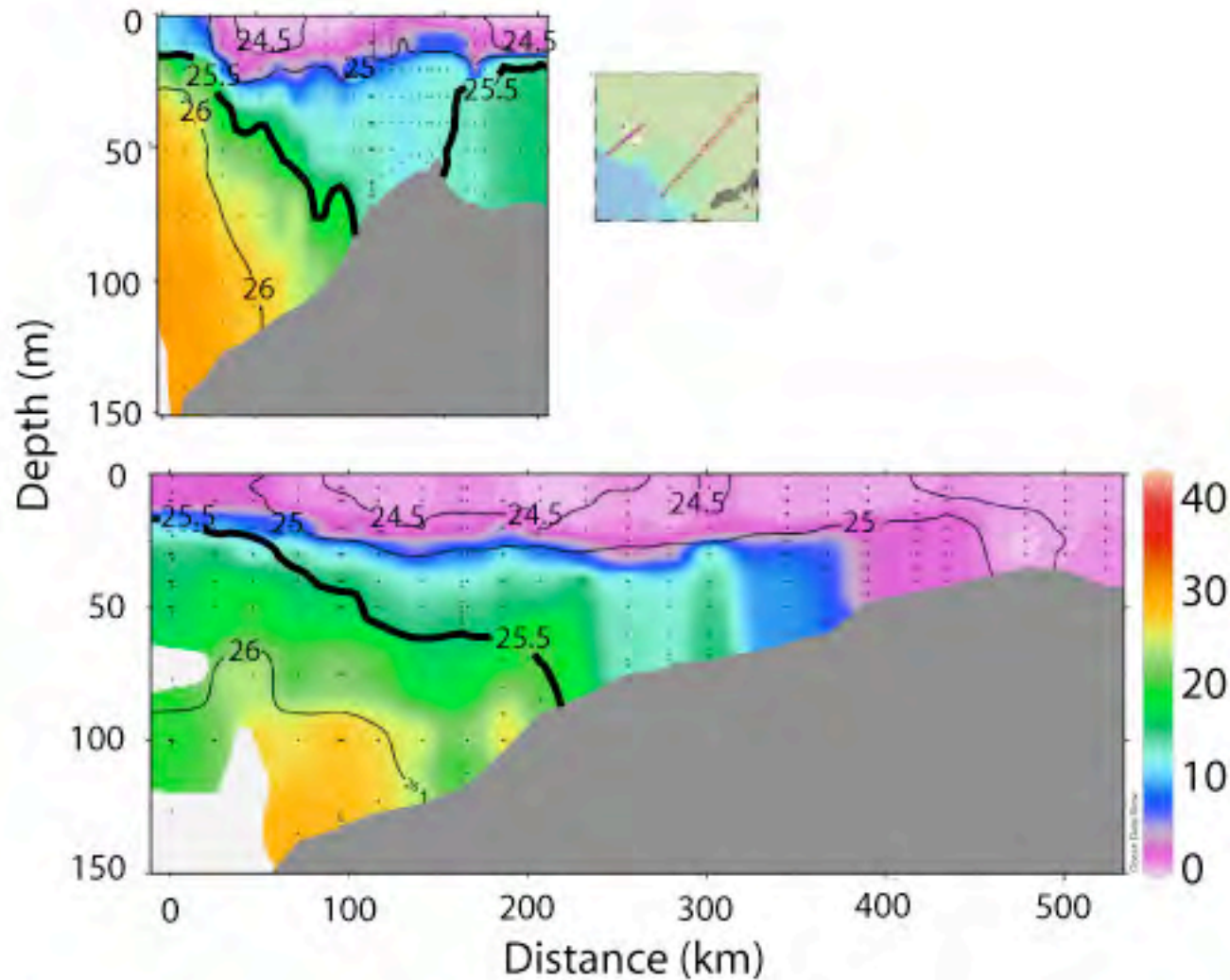
Melt pool location, 2007



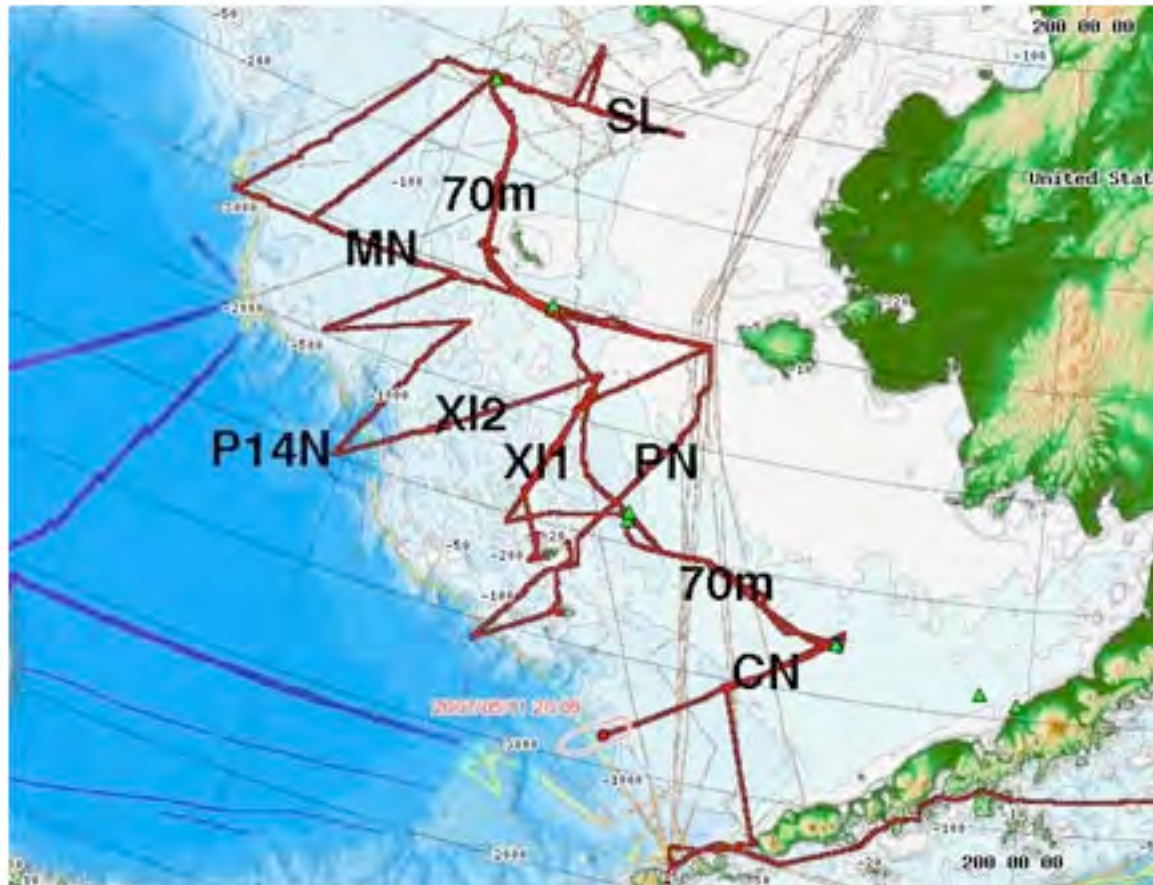
Cross shelf sections - Chl a



Cross shelf sections - nitrate



2007 cruise track



Estimated time for science activities - summer 2008

Activity	Estimated time (d)
175 CTD stns. (Weingartner et al.)	6
Transit time	15
Mooring deployment	3.5
Outer shelf short stations	30 x 50 min = 1
Outer and inner long stations	20 X 12 hrs. = 10
Extra transit time	3
total	~38