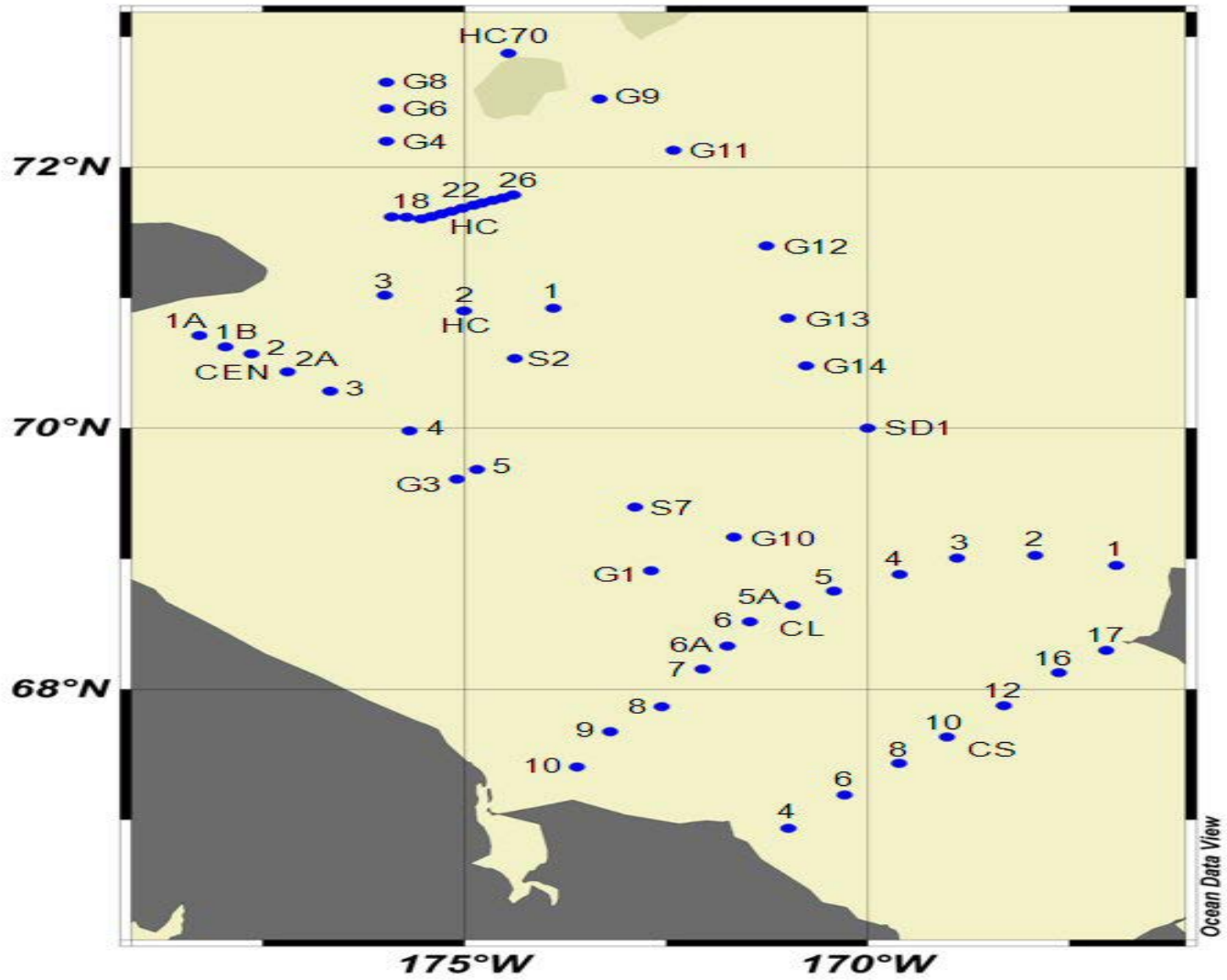


Russian-American Long-Term Census of the Arctic (RUSALCA)
2004-2012
Biological cruises – 2004, 2009 & 2012



Professor Khromov

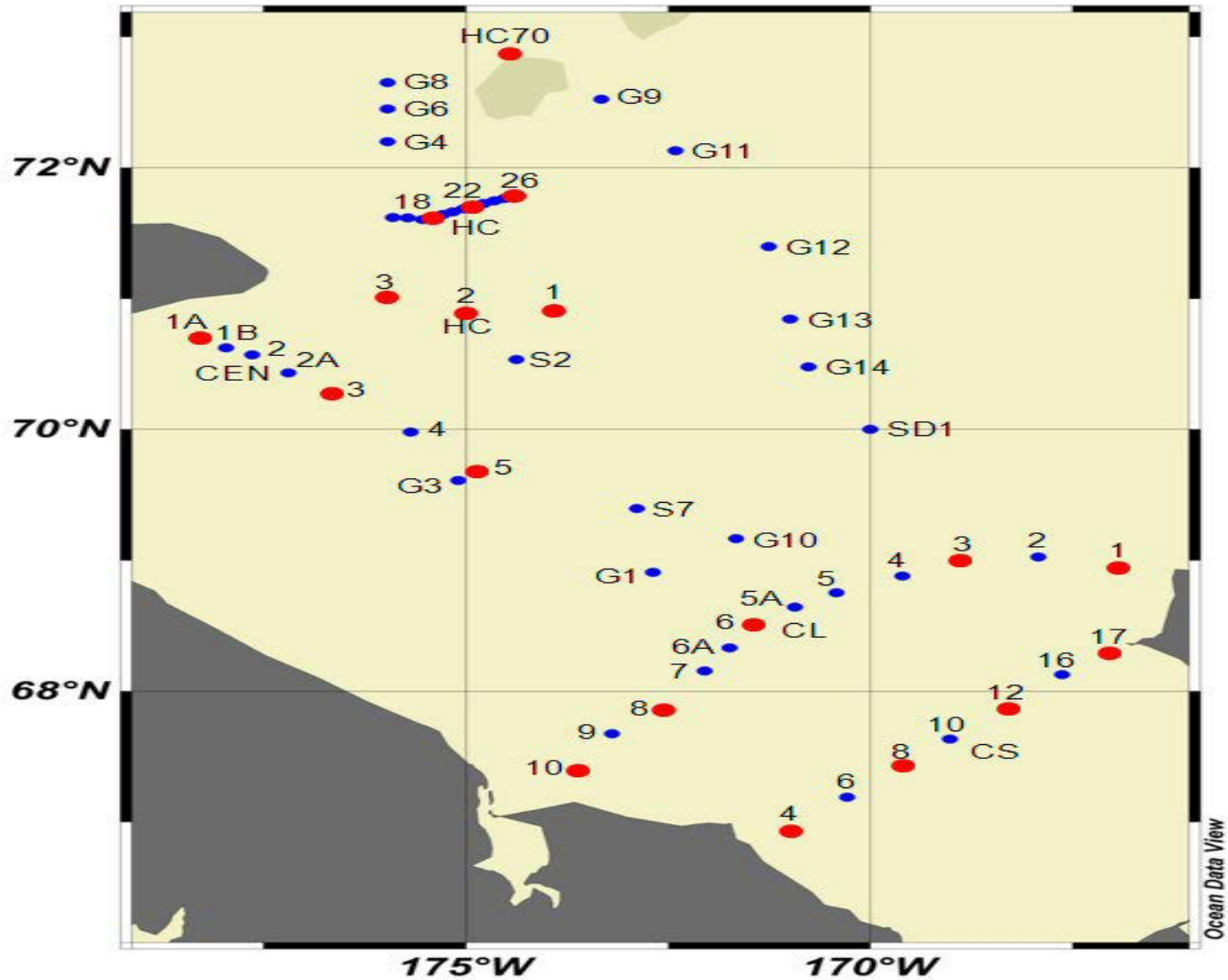
Leg 2 RUSALCA 2012 All Stations



Ocean Data View

Leg 2 RUSALCA 2012 All Stations

● Denotes full biological stations



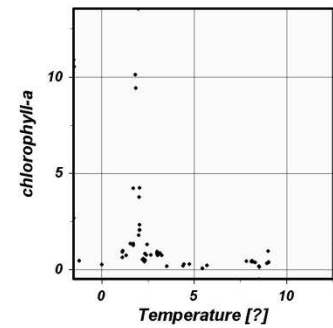
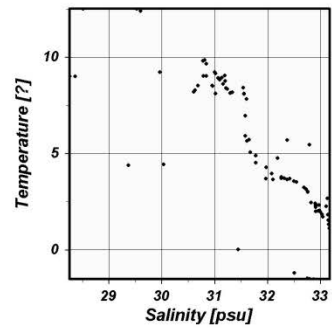
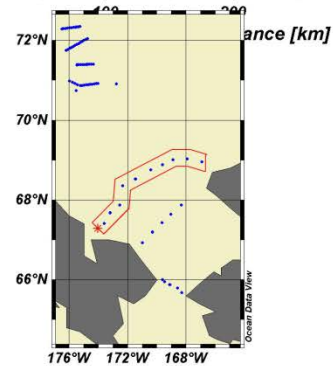
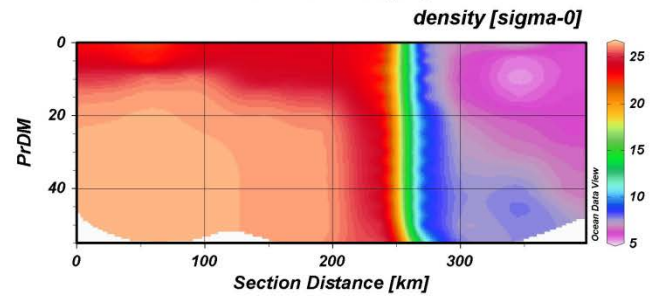
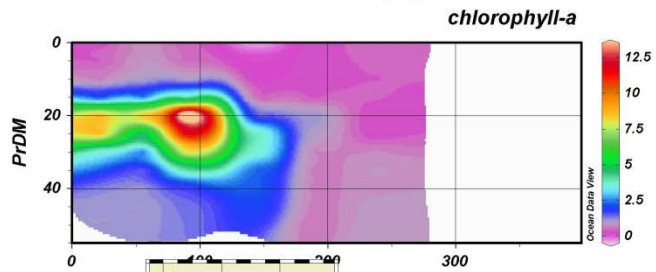
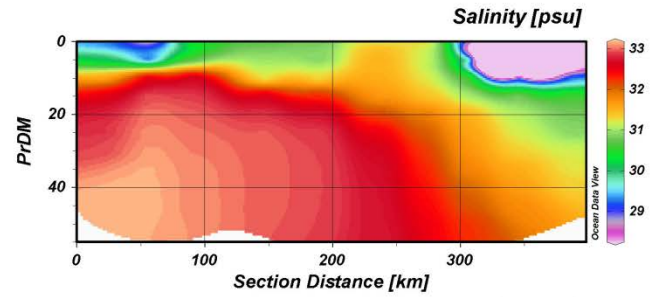
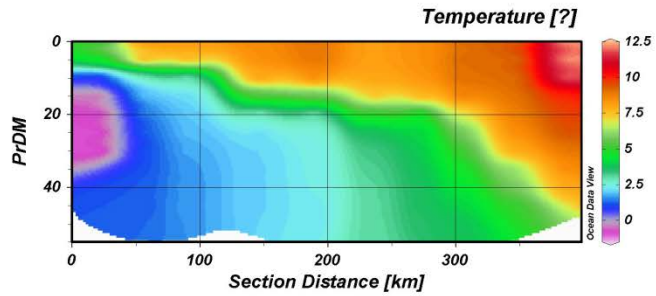
Measurements collected in Aug-Sept 2012

- CTD – T, Sal, Fluor, DO, ADCP, DOC, Video Plankton profiles
- Water samples – Nuts, Chl, Phaeo, Frac Chl, DIC, DOC, O-18 (~5m intervals)
- Phytoplankton – Species, C/N nat abundance, PN, N & C prim, prod
- Zooplankton – Vertical tow, live animal tow
- Sediment – Happ's core, VanVeen, cores (12)
- Benthic epifauna – bottom trawl
- Fish – ecology (juvenile), diversity (adult)
- Mammals
- Birds

Data has just been freed from embargo after cleared by Russian officials

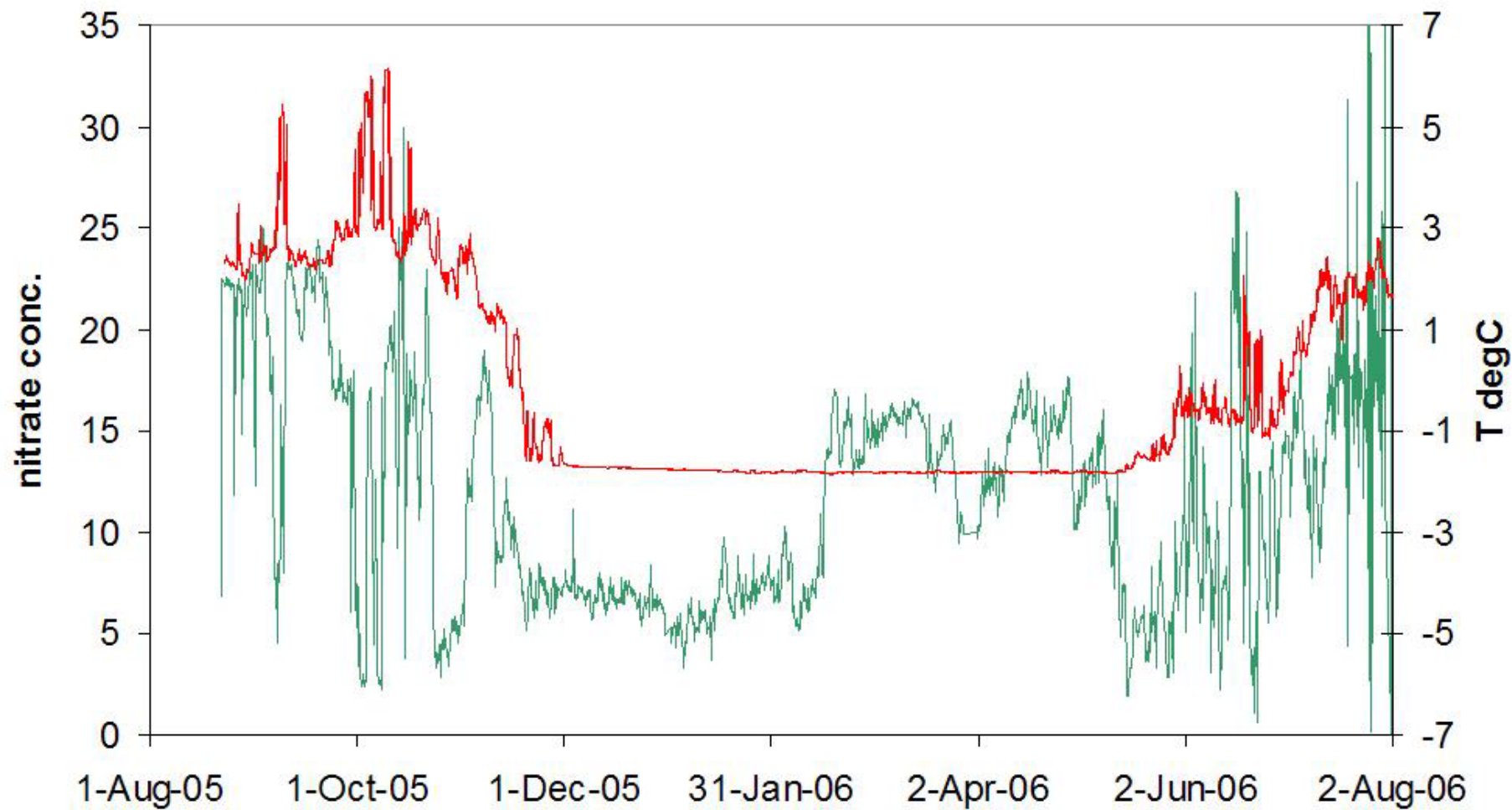
PI meeting is tentatively for May 2013 when data will start to be distributed

Rusalca 2004



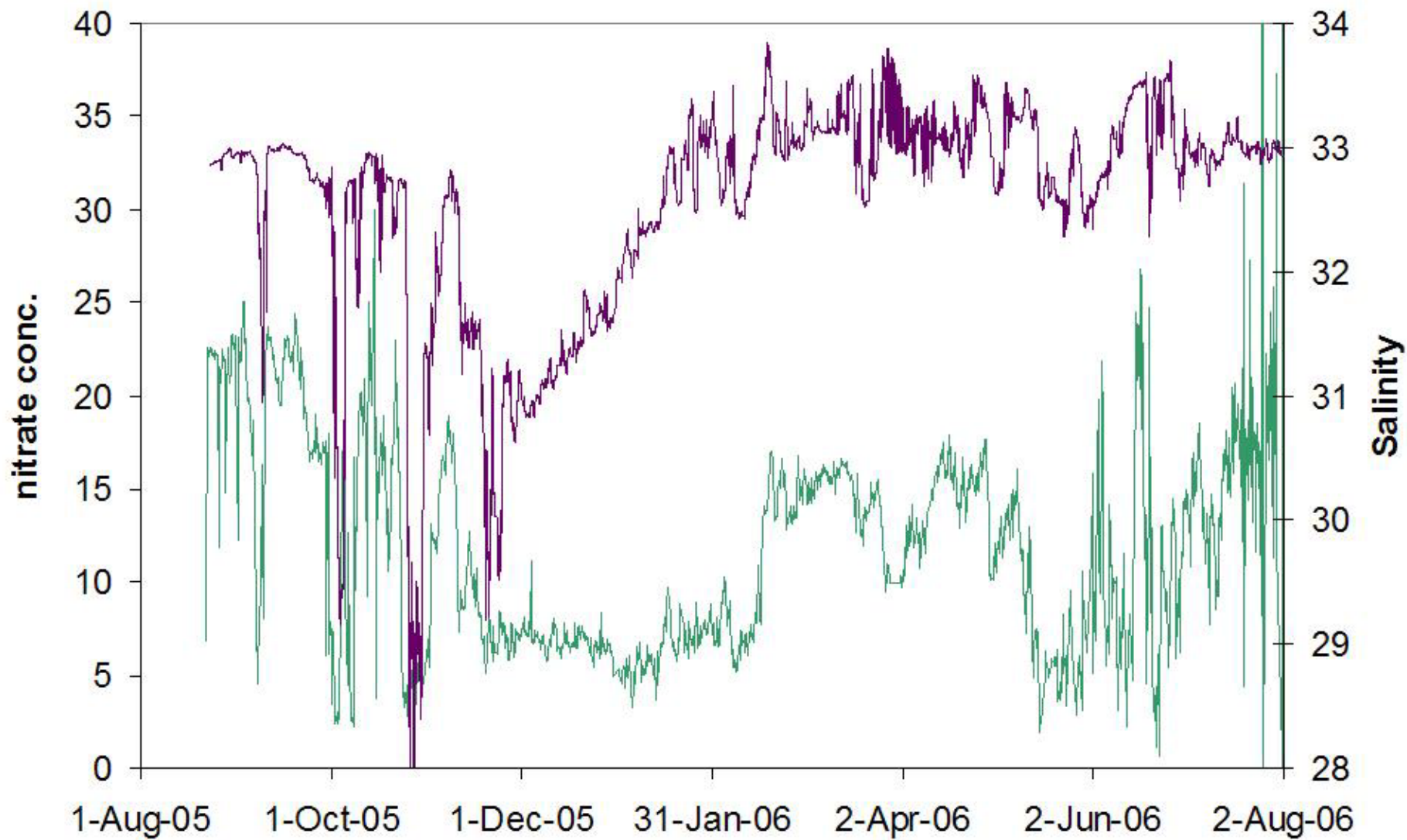
**A1-2 Aug05-Aug06 ~30m
DRAFT**

Nit_conc
T

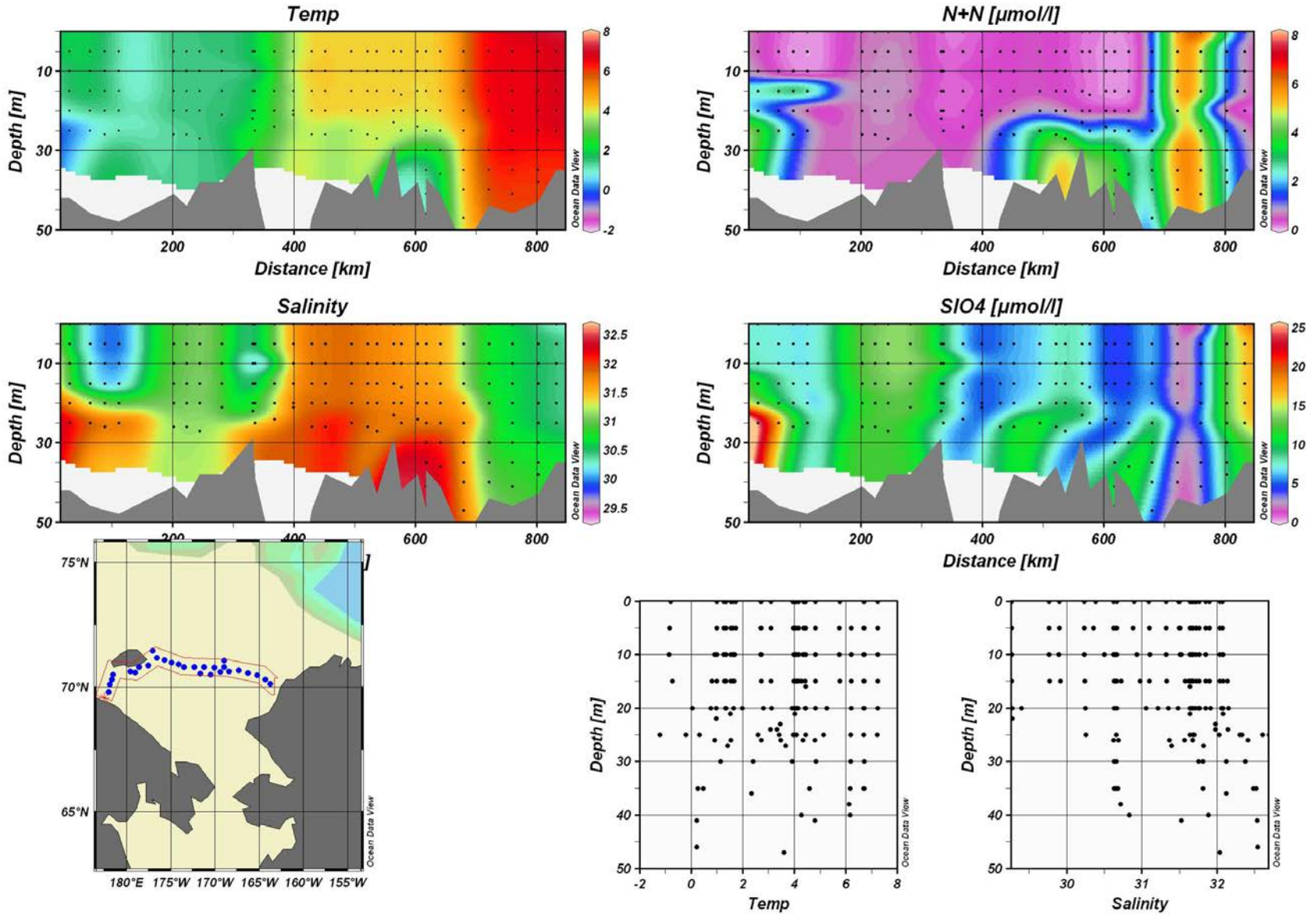


Nit_conc
sal

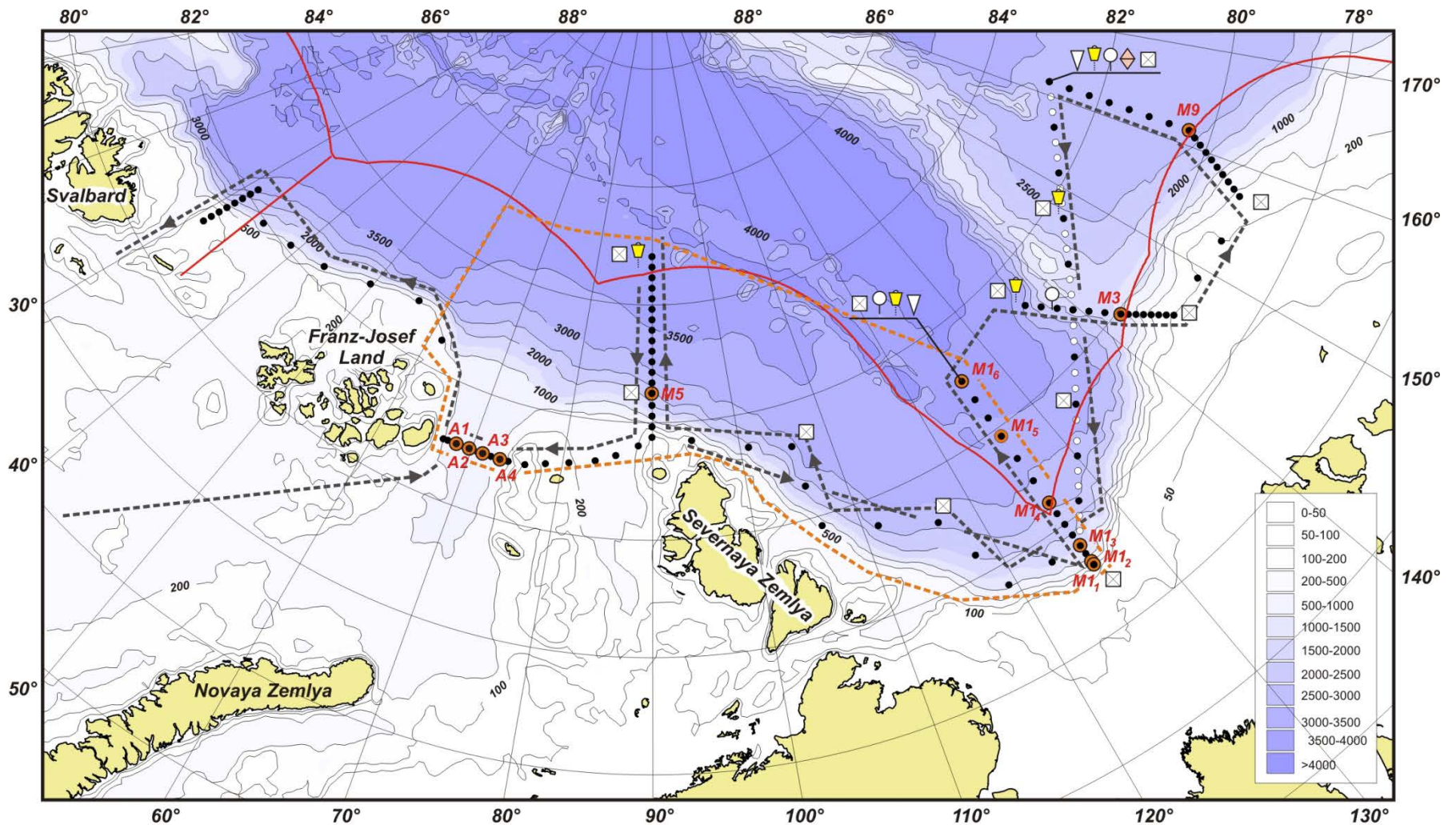
A1-2 Aug05-Aug06 ~30m DRAFT



1990 Choex/ICE



Tentative Plan for NABOS 2013



- | | | | | | | | | | |
|-----|------------|---|----------------|---|-----------------------|---|-------------|--|-----------------------|
| --> | Ship track | | Russian EEZ | • | Oceanographic station | ● | Mooring | | ITP-buoys |
| ▽ | O-buoys | ◇ | Ice-mass buoys | ♀ | TempO buoys | ⊠ | Meteo buoys | | Glider operation area |