

NOAA's Arctic Marine Programs 2012

Consisting of:

1. PMEL & AFSC activities
2. RUSALCA
3. Autonomous Marine Vehicles
4. Vessels of Opportunity

Kevin Wood – Kathy Crane

PMEL & AFSC

3 Arctic cruises

Date:	Ports:	Project:	Ship:
Aug. 1 – Aug. 21	Dutch – Nome	Arctic-Eis 1	<i>Bristol Explorer</i>
Aug. 8 – Aug. 25	Dutch – Barrow	CHAOZ	TBD-contract
Aug. 22 – Sept.10	Nome – Nome	Arctic-Eis 2	<i>Bristol Explorer</i>

8 Gulf of Alaska – Bering Sea cruises

Date:	Ports:	Project:	Ship:
Jan.	Seattle – Kodiak	Lost mooring	Oscar Dyson
Mar. 5 – Mar. 26	Dutch – Kodiak	MACE	Oscar Dyson
Apr. 26 – May 9	Kodiak – Dutch	FOCI	Oscar Dyson
May 14 – June 1	Dutch – Dutch	FOCI	Oscar Dyson
Aug. 16 – Aug. 22	Dutch – Dutch	BASIS 1	Oscar Dyson
Aug. 24 – Sept. 8	Dutch – Dutch	BASIS 2	Oscar Dyson
Sept. 13 – Sept. 26	Dutch – Dutch	BASIS 3	Oscar Dyson
Oct. 1 – Oct. 14	Dutch – Kodiak	BASIS 4	TBD

RUSALCA

Russia – USA Long-term Census of the Arctic

2 Arctic cruises

Date:

Ports:

Project:

Ship:

Jul. 8 – Jul. 22

Nome – Nome

B.S. Moorings

Prof. Khromov

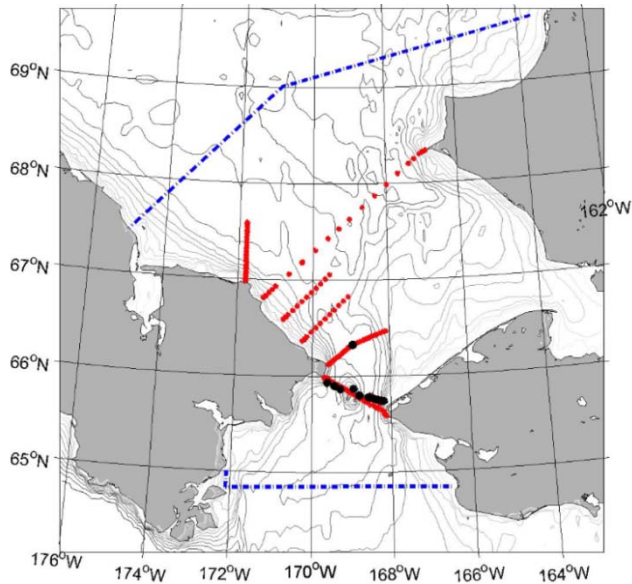
Aug. 24 – Sept. 15

Nome – Nome

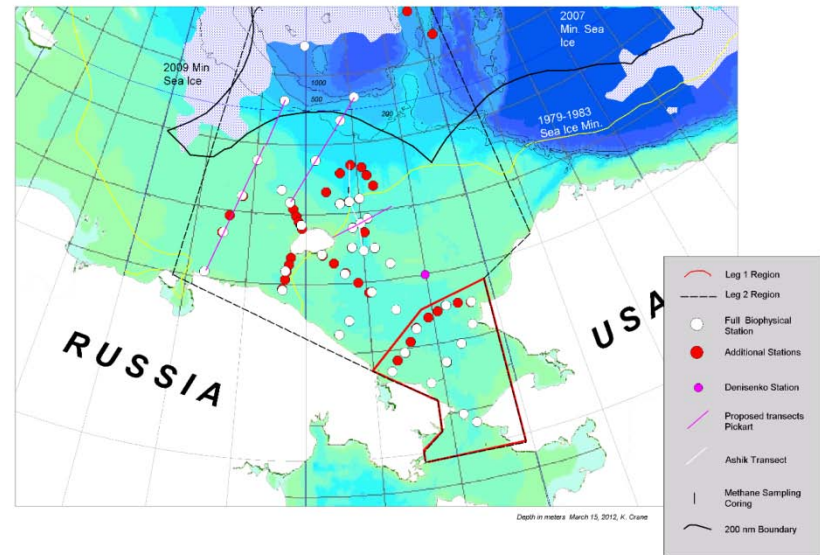
Chukchi survey

Prof. Khromov

2012 Proposed RUSALCA Leg 1 Stations

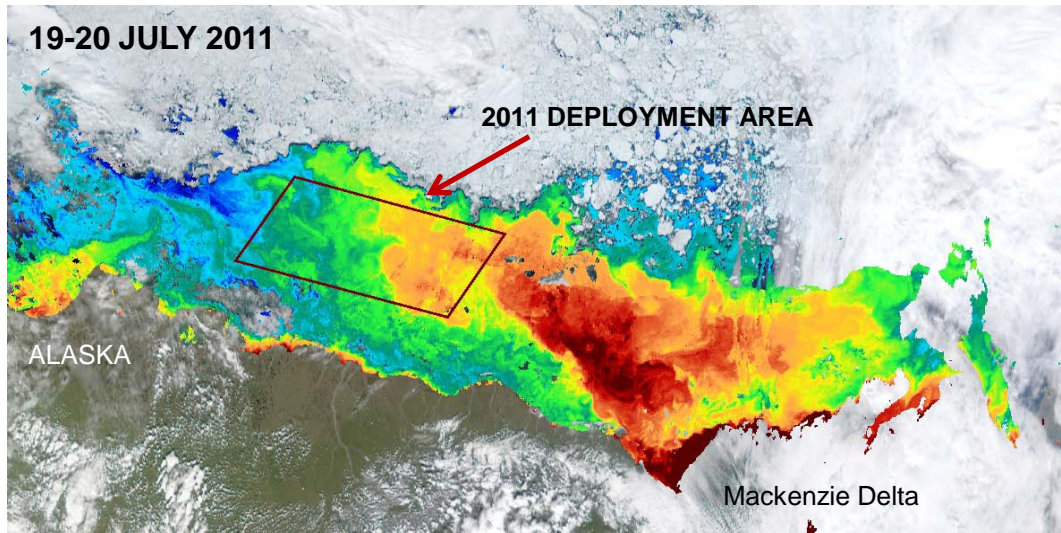


2012 Proposed RUSALCA Leg 2 Stations

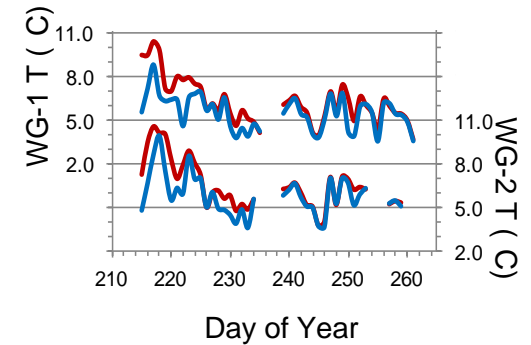
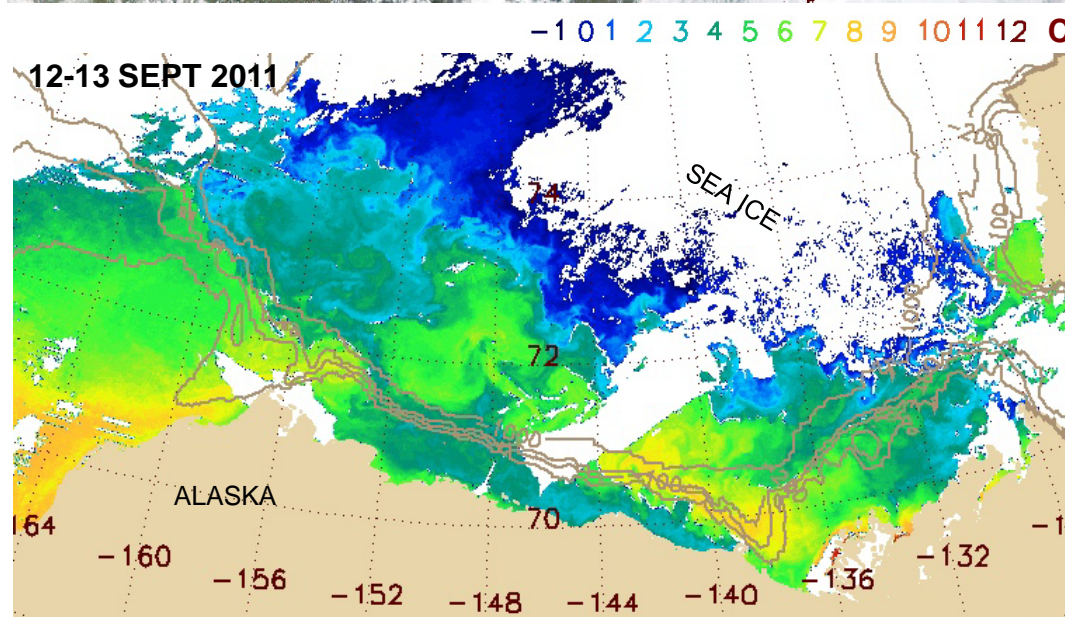


Issues...

Autonomous Marine Vehicles



Arctic Wave Glider



Coordination issues:

- Increasing numbers
- Need for Vessels of Opportunity
- Unplanned retrieval
- Traffic awareness / avoidance

Other needs for vessels of opportunity

NOAA-ONR MIZ radiosonde program, 2012 – 2015 (this year on *Prof. Khromov?*)

Potential Wave Glider deployments

DBO

Information clearing house for International and US R/Vs in US EEZ?