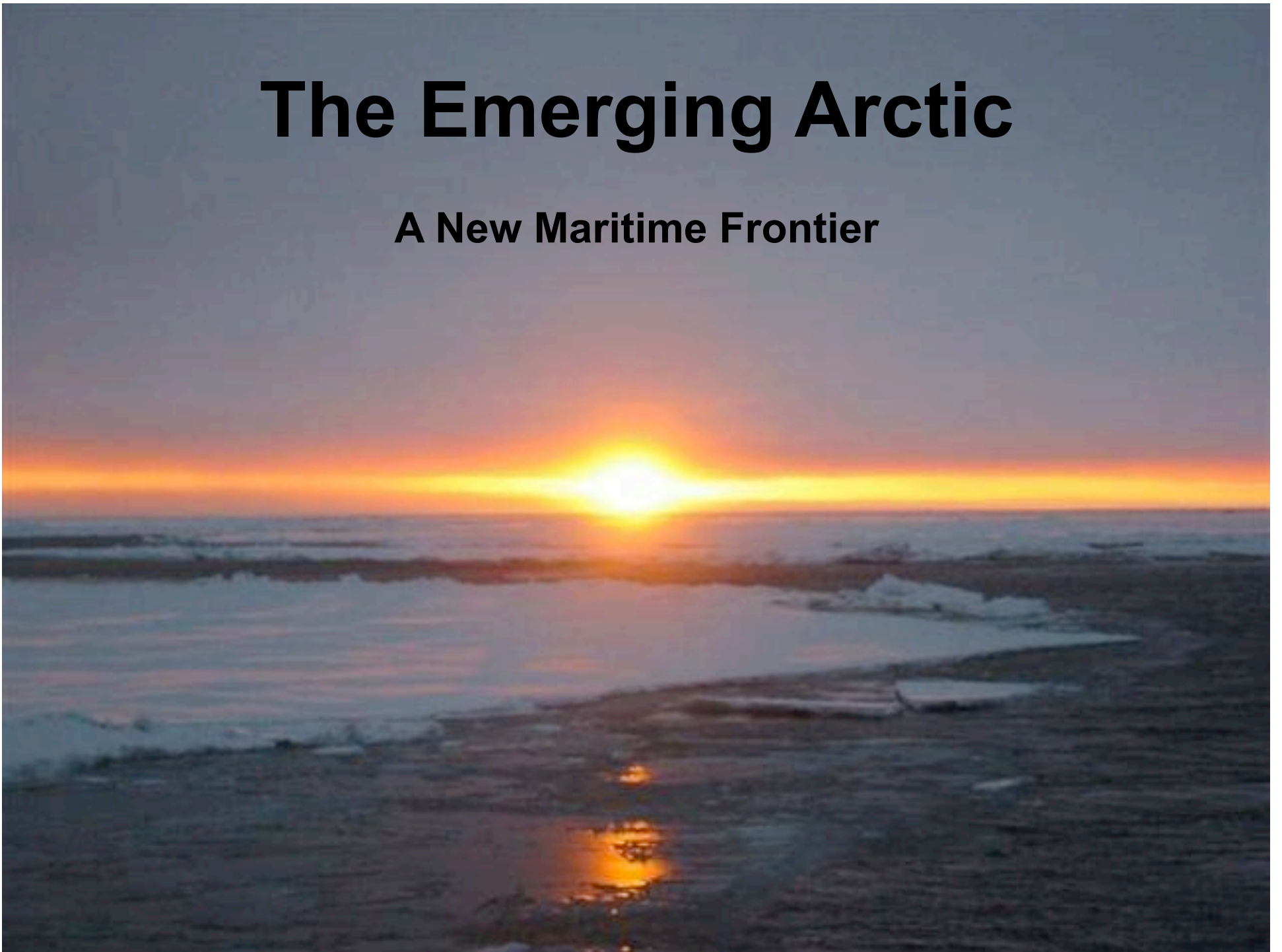


The Emerging Arctic

A New Maritime Frontier



Agenda

- Changes in the Arctic
- Coast Guard in the Arctic
- Coast Guard Missions
- Arctic Operations Summer 2008



Summer Sea Ice Retreat

★
Barrow

2005

2007



Boundary Claims



Homeland Security

1) North Pole

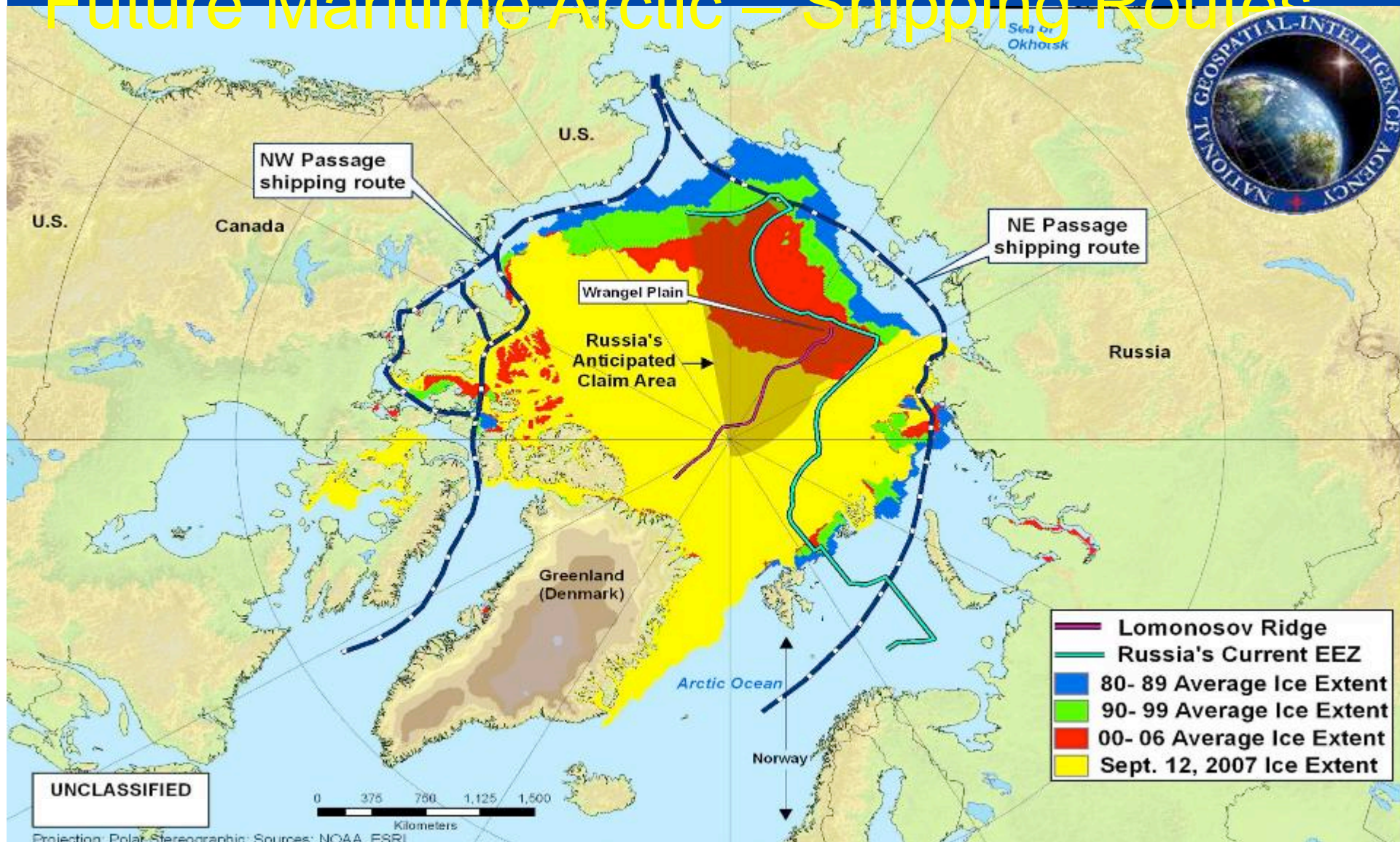
2) Lomonosov Ridge

3) 200 nautical mile line

4) Russian-claimed territory



Future Maritime Arctic – Shipping Routes



UNCLASSIFIED



Homeland Security



Maritime Traffic Management



- Discuss process for establishing ship routing measures
 - Lengthy process, ultimately approved by International Maritime Organization

Coastal Erosion

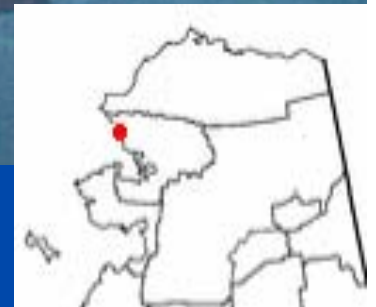
- Loss of protection from fall storms



Port Heiden



Kivalina



Seasonal Ore Operations



Growing Eco-Tourism

- M/S Explorer
 - Nov 2007: 154 people abandon a cruiseliner that struck an iceberg and sank in the Antarctic



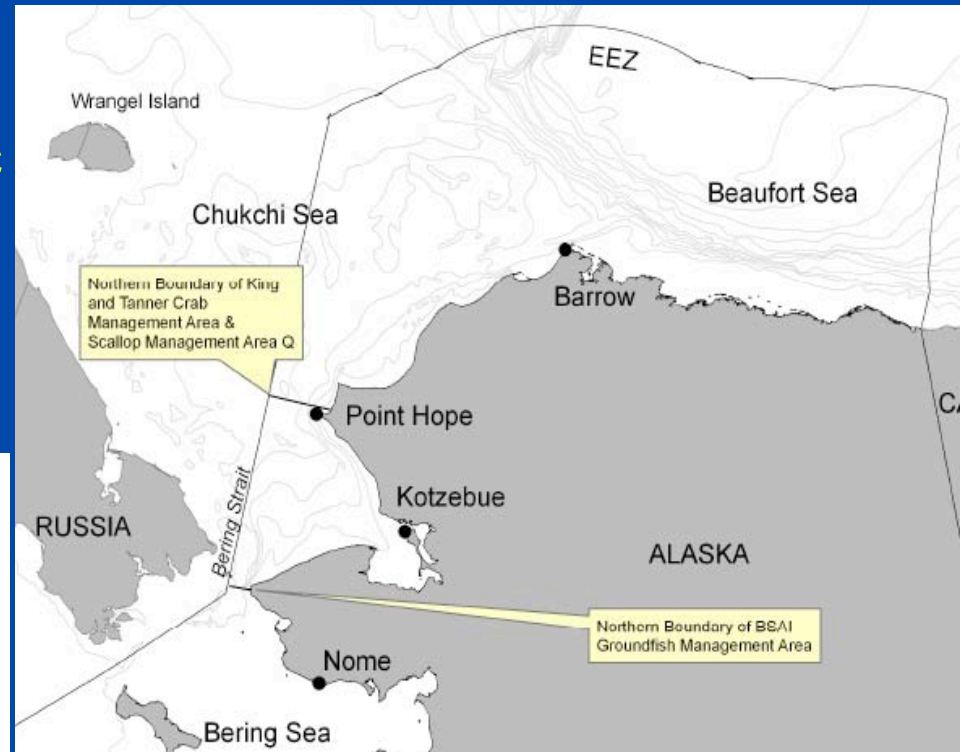
Expanding Resource Exploration

- Increased offshore exploration
 - 18 commercial vessels
 - 12 exploration wells
- Legal issues pend



Species Movement North

- Stocks are moving North
- No commercial fishing in Arctic
 - Awaiting NPFMC decision



Pollock (Saithe) - Pollachius virens - 70-100 cm

NPFMC – North Pacific Fishery Management Council



Homeland Security



The CG has 142 years of Arctic Service



USRC *Bear*

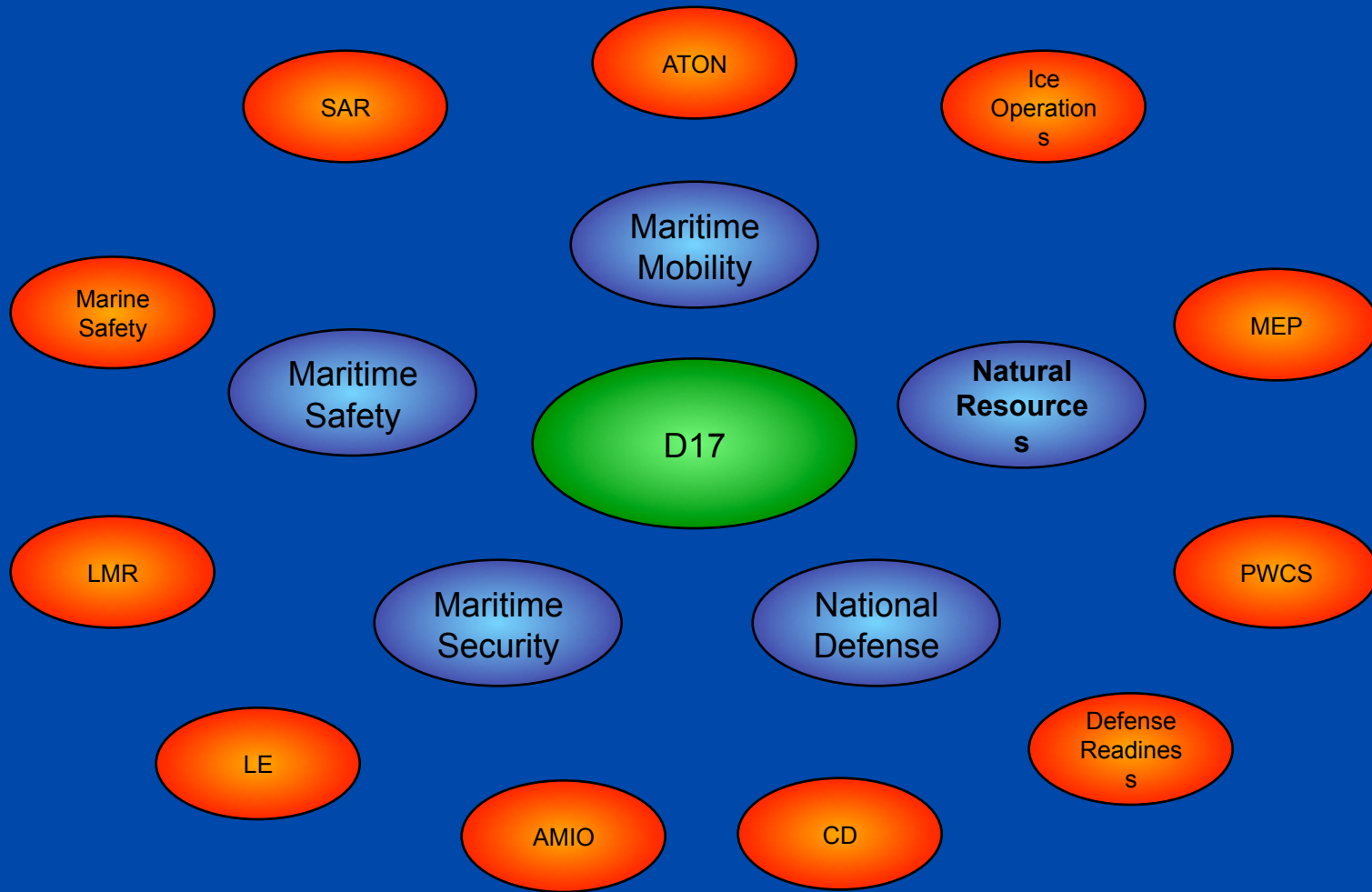
- Ice breaking
- Ice patrol
- Loran
- Marine mammal protection
- Bering Sea Patrols
- World War II
- Overland Expedition
- Exploration
- Marine Safety



Homeland
Security



Missions



Homeland
Security



Arctic Changes Drive Coast Guard Mission Expansion North

All Coast Guard missions in Southern Alaska must be expanded to Northern Alaska



Arctic Ops Summer '08

- Develop Arctic Domain Awareness
 - Nome C130 Deployment
- Cutter Operations
 - HEALY, POLAR SEA
- CGC SPAR Waterways Analysis & Management System
- International Search and Rescue Exercise
- Tailored Force Package Deployment
- Prudhoe Bay Maritime Security Deployment
- Coastal Community Engagement



Questions?

