

North American Ice Service (NAIS)



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Outline

- NAIS Mission and Goals
- NAIS Arctic focus accomplishments and work to do
- NAIS VIII June 2010 meeting highlights





NAIS Mission

Create a harmonized suite of ice information products and services for North American and global waters combining the strengths of the partners to serve the needs of users for safety of navigation and decision making and meet all marine ice information needs and obligations of the United States and Canadian governments





NAIS Goals

- Products of high quality and consistency
- Common:
 - suite of fully-harmonized NAIS products
 - point-of-access for users
 - model and analysis tools
 - communications & dissemination infrastructure
 - production workstation
- **Increase overall efficiency**
 - streamlined business processes
 - data sharing
 - reduce duplication of systems and databases
 - back-up capability
 - coordinated development, science and training



NAIS Accomplishments

- Operational Bering Strait NAIS Charts: July
- UNCLOS Support in Canada Basin August/Sept
 - For CCGS Louis S. St-Laurent and USCGC Healy
- Common NAIS Production System upgrades: providing back up capabilities
- Support to Operation NANOOK: August
- Operational NAIS iceberg model -- Development and verification complete – Implementation underway at CIS
- Joint Support for CCGS Sir Wilfrid Laurier



NAIS Focus, 2011

- Common Production System testing/development
- Model testing and improvements
- Increase data and product sharing opportunities
- Testing back-up capabilities
- Support Operation NANOOK 2011 as NAIS
- UNCLOS support: LSSL and Healy
- International cooperation/collaboration
- Iceberg Chart Harmonization
- New METAREAs
 - Coordination for areas bordering Canadian waters



NAIS VIII Meeting

- June 2010, Washington DC, USA
- NAIS MOA Annex Signed
- Common Production System
- Strategic Plan
- Joint UNCLOS Support
- Data Sharing
- GIS Advancements
- Science and modelling
- Training
- NAIS IX: Sept, Montreal



