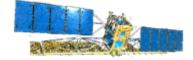
U.S. National / Naval Ice Center (NIC)







Thomas Holden 14 Jan 2014



USCG

NOAA



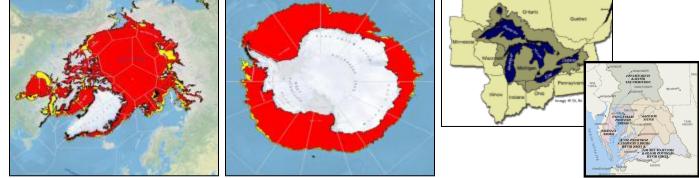
NIC Mission





- A multi-agency operational center operated by the United States Navy, National Oceanic and Atmospheric Administration, and United States Coast Guard.
- GLOBAL sea ice analysis and forecasting.





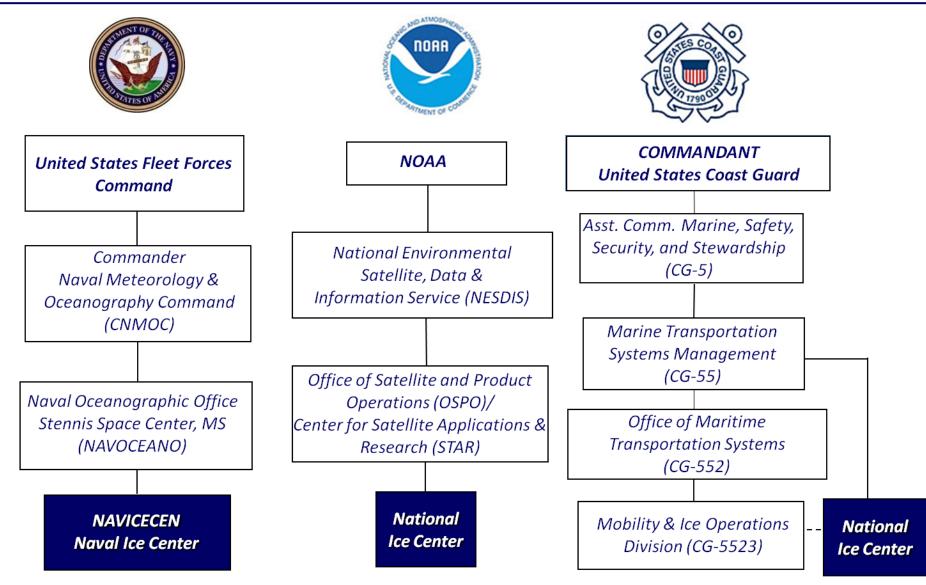
Coverage 20.6 Million Square Miles – Arctic, Antarctic, and Great Lakes

<u>Mission</u>: Provide the highest quality, timely, accurate, and relevant snow and ice products and services to meet the strategic, operational, and tactical requirements of U.S. national interests across a global area of responsibility.



NIC Organization



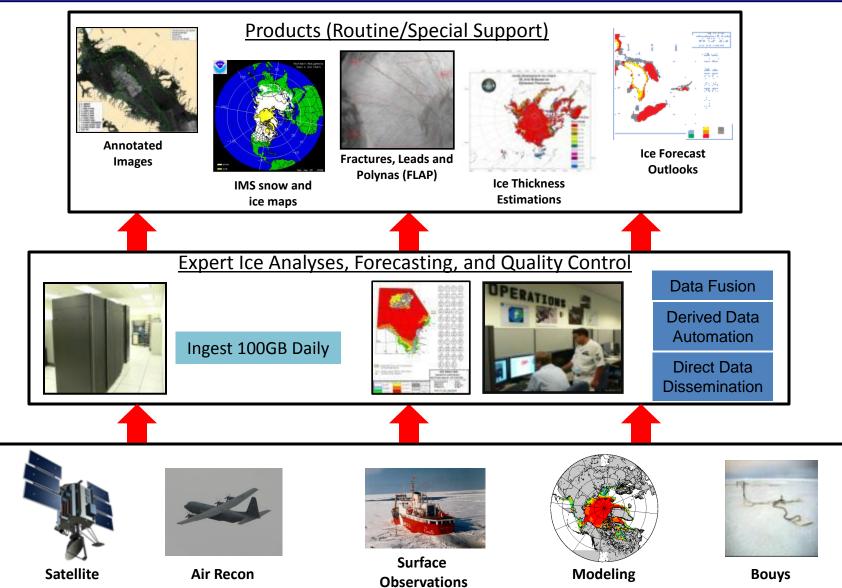




Operations and Product Generation

1. ICE CE.

Human, Derived, Automated, and Reconfigured







- Ice Concentration, Ice Edge, Est Ice Thickness, Route Recommendation
- Short Term Forecast (7-10 days)
- Various Formats: .kml; .kmz; ESRI shapefile; graphic; annotated imagery tailored to customer needs
- Healy ftp imagery from MDA

In order for NIC to plan, resource and provide operational support to its customers, those customers must clearly articulate their ice product requirements for current and future missions.





- No identified source of funds after April 1, 2014
- SAR imagery is for SUBFOR support
- 'Adjust' order if have route far in advance
- Outside agency obtain imagery and have delivered to NIC







