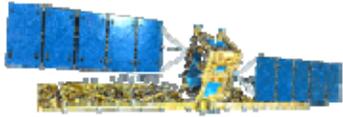


# U.S. National / Naval Ice Center (NIC)



Thomas Holden  
13 Nov 2014



**USCG**



**USN**



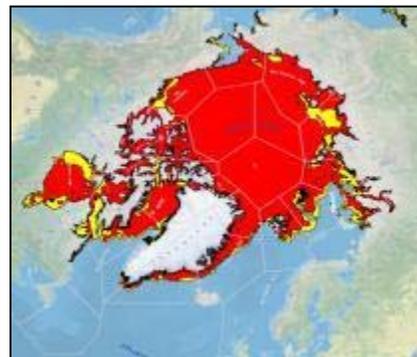
**NOAA**



# 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.

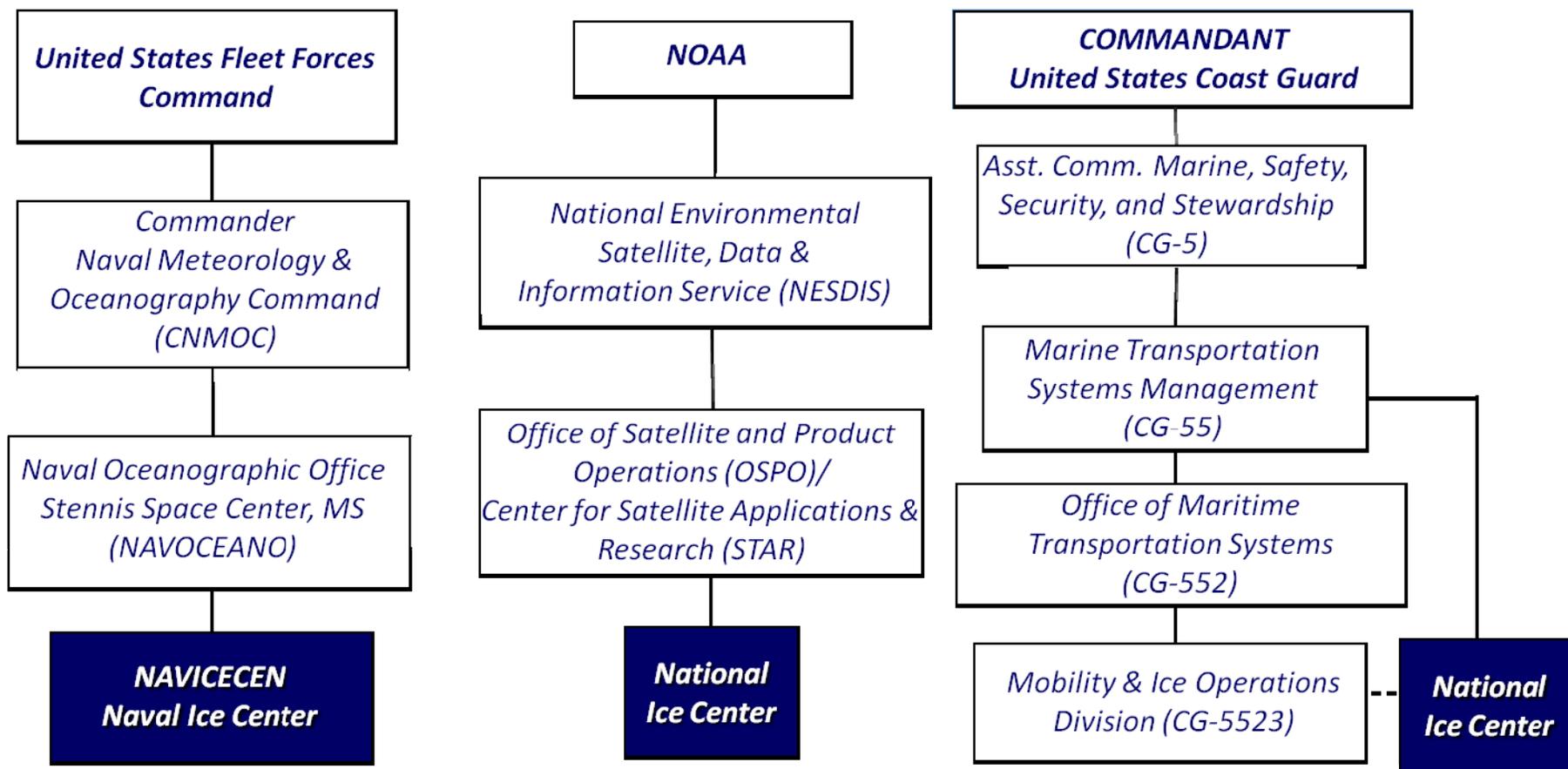
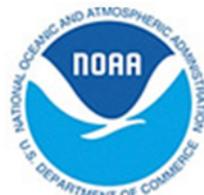


Coverage 20.6 Million Square Miles – Arctic, Antarctic, and Great Lakes

**Mission:** 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.



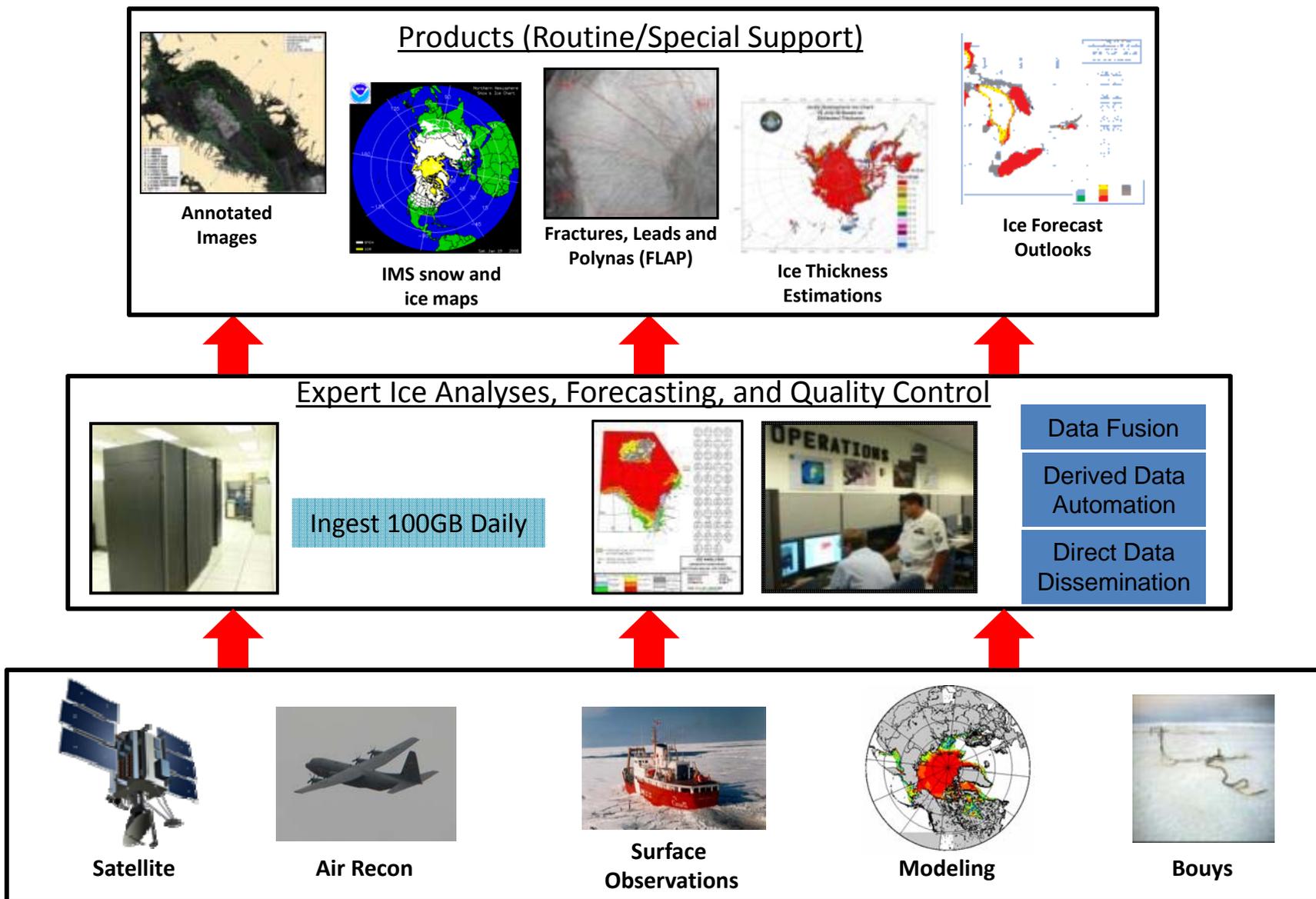
# NIC Organization





# Operations and Product Generation

Human, Derived, Automated, and Reconfigured





# Icebreaker Support



- Ice Concentration, Ice Edge, Estimated 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.**



# FUNDING SAR IMAGERY



- 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



# Questions?

