



Polar Code Intro & Application



- ❑ **Ship-focused Regs:** for design, construction, manning and operation
- ❑ **Part I: Safety** – Applies to large internat’l cargo, tank & cruise ships; Adopted NOV 2014; entry date JAN 2017.
- ❑ **Part II: Environment** - – applies per MARPOL, “All” ships; Adoption expected MAY 2015; entry date JAN 2017

Polar Code Boundary – U.S. Arctic



Antarctic Boundary = 60° S

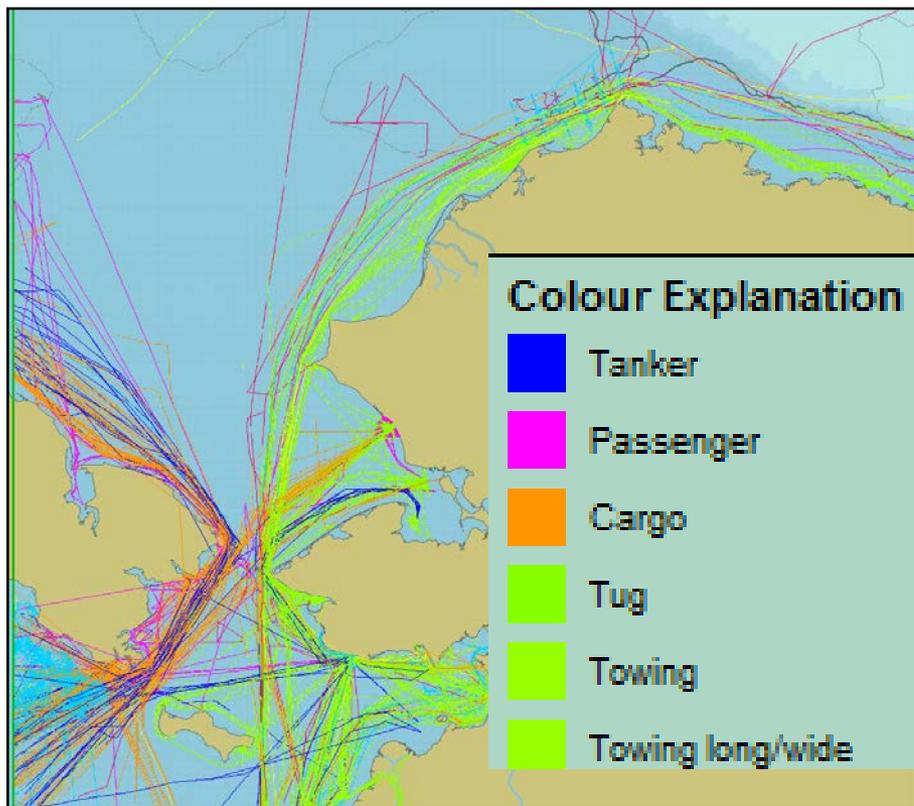


Variations in Vessel Traffic

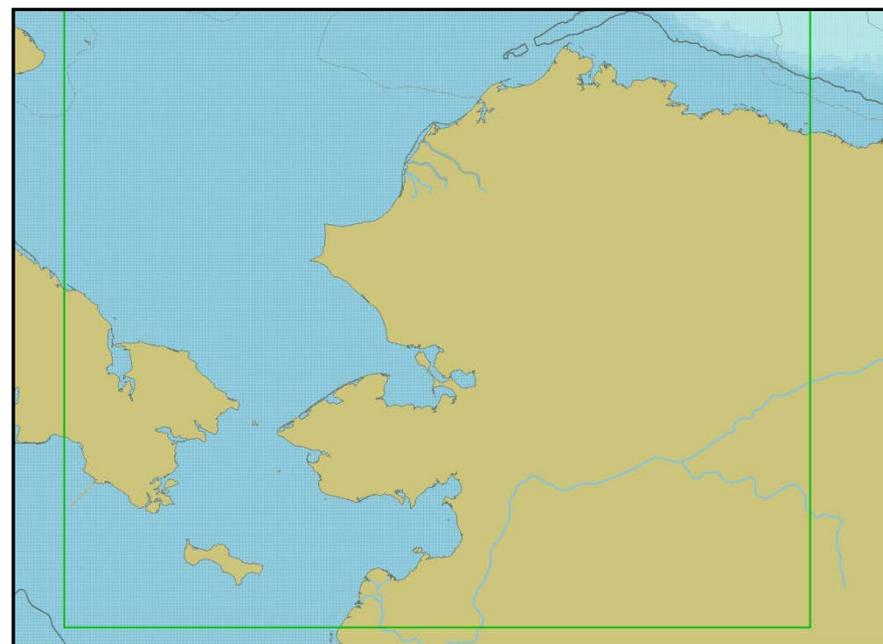


Bering Strait Arctic Vessel Traffic

01 JUN to 30 NOV 2013



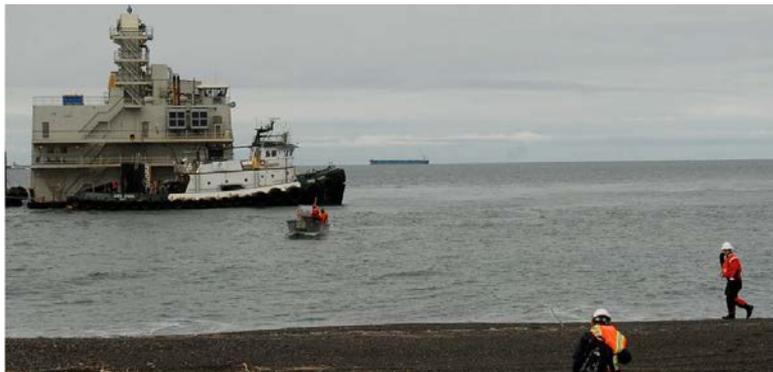
01 JAN to 31 MAY 2013



AIS Data Courtesy of Marine Exchange of Alaska



Implementation/Future Opportunities



Implementation

- Standard port state control & U.S. inspection regimes
- Local D17 Policies

Outside Polar Code

- MDA & RCC Communications
- Ice Management & Forecasting
- Hydrographic Surveys

