S-411 Sea ice

December 2013: first operational S-411 ice charts available and viewable in GIS programs.

June 2014: S-411 Ice Information Product Specification approved

December 2015: most operational ice charts available in S-411

Mid 2016: hopefully first S-411 capable commercial ECDIS. Update?
Update

- Registered as S-411: Adding features into IHO Registry for Ice?
- Context of Polar Code, availability of ECDIS-S411 compatible?
- National Ice Services are putting in place a system for sharing updates of the geographic location of Arctic and Antarctic ice shelves (more exactly the ice-shelf/ocean boundary, using Radarsat, Sentinel-1: updates available to HOs who produced charts in Polar regions.)
Completed to Date: IHO Registry

- Registered as S-411: Ice Overlay?
- Solidified World Meteorological Organization (WMO) authority over weather definitions in S-100
- Adding features into IHO Registry