



Hydrographic Services and Standards Committee

Report of WMO/JCOMM to HSSC8

November 2016

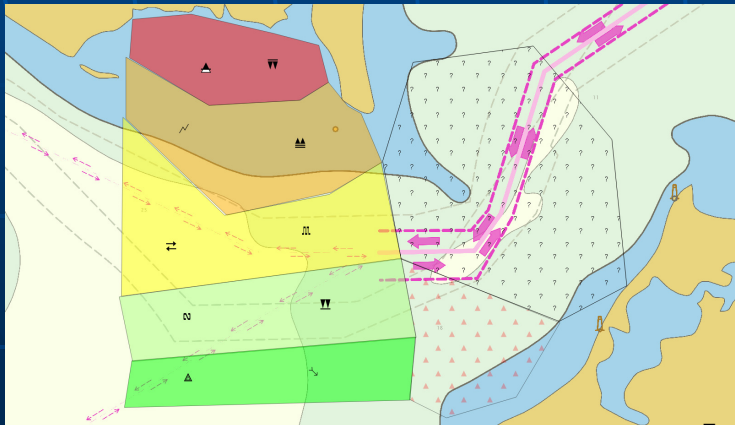
S-411 Sea ice

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 ?**



Example of S-411 portrayal.

INTERNATIONAL HYDROGRAPHIC ORGANIZATION

JCOMM



Ice Information Product Specification

Edition 1.1.0, June 2014

Special Publication JCOMM S-411

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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

Main Index	
Domain	WXO
Item Type	Feature Type
Status	Invalid
Go to Index	

WXO Feature	
Feature Details	
AlphaCode:	AIRPSR
Name:	Atmospheric Pressure
Alias:	Unspecified
camelCase:	AtmosphericPressure
Use Type:	Geo
Definition:	Pressure (force per unit area) exerted by the atmosphere on any surface by virtue of its weight; it is equivalent to the weight of a vertical column of air extending above a surface of unit area to the outer limit of atmosphere.
Source Reference:	A2930
Source:	WMO 182
Similarity:	Identical
Int1:	Unspecified
S4:	Unspecified
Remarks:	Unspecified
Status:	Not Valid
Accepted:	0000-00-00
Amended:	0000-00-00
Distinction:	Unspecified
Recommended Attributes	
Unspecified	
This Feature Data Dictionary does not mandate the use of any attributes. The attributes listed here are recommended as being relevant to this particular feature. However, for some applications, certain attributes may be designated as mandatory for specific feature classes. These attributes must be listed in the appropriate product specification.	

