IMO Resolution A.1024(26)

Adoption of Mandatory Code for ships operating in the polar waters.
Background

- 2002 IMO put out “Guidelines For Ship’s Operating in Polar Waters”
- 2007 IACS Polar Class Rules
- The 32nd Antarctic Treaty Consultative Meeting (ATCM XXXII) which took place in Baltimore, United States, from 6 to 17 April 2009, adopted a resolution on mandatory shipping in Antarctic waters
- IMO Resolution A.1024(26)

Other “guidelines”

- ABS Guide For Vessels Operating in Low Temperature Environments
- Canada’s Arctic Shipping Pollution Prevention Regulations
- Lloyd’s Register Winterization Rules
- Germanischer Lloyd Guidelines for the Construction of Polar Class Ships
- DnV Arctic Rules
- BV Rules for the Classification of POLAR CLASS Ships
- Etc....
Current

- Moving forward with development of mandatory code per IMO Resolution A.1024(26)
- Receiving input from many nations currently involved with polar regions – bordering countries – interested countries
- Input from organizations such as Greenpeace, WWF
- NSF is tracking progress – Matt Hawkins
- USCG has the lead for United States
Potential Impact

- Structure
- Subdivision and stability
- Machinery
- Fire Safety
- Accommodations
- Life-saving equipment
- Safety of navigation
- Environmental protection
- Additional spares and equipment
- Specialist crew

IACS Polar Rules
double bottom
probabilistic stability analysis
icing sea chests
heating
freezing temperatures
deep shelter
galley equipment
covered lifeboats
reporting
fiber optic gyro
no pollutants against skin
more depth, survival gear
ice navigator certification
Areas of Coverage

Arctic waters means those waters which are located north of a line extending from latitude 58°00′.0 N, longitude 042°00′.0 W to latitude 64°37′.0 N, longitude 035°27′.0 W and thence by a rhumb line to latitude 67°03′.9 N, longitude 026°33′.4 W and thence by a rhumb line to Sørkapp, Jan Mayen and by the southern shore of Jan Mayen to the Island of Bjørnøya and thence by a great circle line from the Island of Bjørnøya to Cap Kanin Nos and thence by the northern shore of the Asian continent eastward to the Bering Strait and thence from the Bering Strait westward to latitude 60° N as far as Il’pyrskiy and following the 60th North parallel eastward as far as and including Etolin Strait and thence by the northern shore of the North American continent as far south as latitude 60° N and thence eastward along parallel of latitude 60°.N, to longitude 56°37′.1 W and thence to the latitude 58°00′.0 N, longitude 042°00′.0 W.

Antarctic waters means those waters which are south of 60° S
Maximum Extent of Arctic Waters Coverage
Maximum Extent of Antarctic Waters Coverage