

# Opening the Arctic Seas

## ENVISIONING DISASTERS AND FRAMING SOLUTIONS

### Common Recommendations

- Revisions to existing IMO guidelines concerning Polar regions (ships, cargo, training of crew, survival equipment, navigation, etc) and making them mandatory
- Identify potential places of refuge in Arctic regions and develop a framework for their use
- Multi lateral Arctic agreements/plans for search and rescue and environmental response, designated routes, international Arctic fund
- Increase emergency response assets/supplies/equipment/ planning in Arctic regions, especially in active regions
- Expand Arctic communications and vessel transit networks
- Improved baseline/information data for Arctic regions for resources or activities that could be affected by potential incidents (e.g., biological, cultural, subsistence, hydrographic, charting)
- Real-time data in Arctic regions such as weather, currents, ice, etc.
- Outreach/ education for expectations management for Arctic incident response
- Engagement of the Arctic states with cruise ships, merchant vessels, in framing solutions to the urgency of search and rescue issues in the Arctic
- Include indigenous people and local communities in planning and response
- Increased investment in Research and Development for Arctic spill response
- Develop environmental risk assessments and impact assessments for the arctic, seas, shipping routes, and ports (multi-layered approach)



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