Educating the Professional Mariner for High Latitude Stewardship

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Three Categories of Education

- Awareness
- Responsiveness to Stakeholders
- Academics & Training
Awareness

• Complexity of the environment

• Remoteness

• Changing environmental factors
Responsiveness to Stakeholders

• Balancing act between “Time is Money” & “Safety as a Business Culture”
• Ecological stewardship (extrinsic and intrinsic motivation)
• Regulatory development
Academics & Training

- Ice Navigation as a model
- Operational Risk Management (ORM)
  - A rational calculus for decision-making
ORM

- Objective
- Plan/pathway/method
- Identify Risk
- Assess Risk
- Apply controls
- Monitor