Educating the Professional Mariner for High Latitude Stewardship

Captain Nathan Gandy
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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