

Educating the Professional Mariner for High Latitude Stewardship

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No.1
again

MAINE MARITIME
ACADEMY

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**