



Training

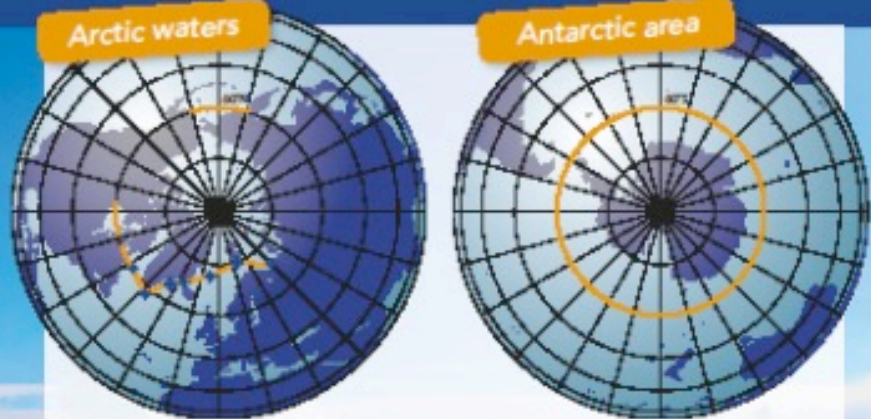
5th Arctic Shipping Best Practices Information Forum

Capt. Jarkko Toivola, Chief Maritime Specialist, Head of Maritime Unit at FTIA

Training for Polar Shipping

- Polar Code is just the start
- Look for the actual polar experience of trainers, not all providers have this
- **Nautical Institute** has provided extremely good literature and firm principles for courses and competence assessment
- **PAME ASBPF web-portal** is an excellent general source for Polar Code

Basic and Advanced Polar Code Training



Arctic waters

Antarctic area

Areas where Polar Code certificates are required.


What you will learn during the training:

- ✓ Effects of low temperature on people and ship systems
- ✓ Preparedness for emergency situations in Polar areas
- ✓ Voyage planning and navigation
- ✓ Effects of weather and current
- ✓ Ice types and characteristics
- ✓ Icebreaker assistance
- ✓ Pollution prevention
- ✓ Regulatory framework
- ✓ Design of ice-going vessels

Aboa Mare offers a combined Basic-Advanced level course of five-day duration

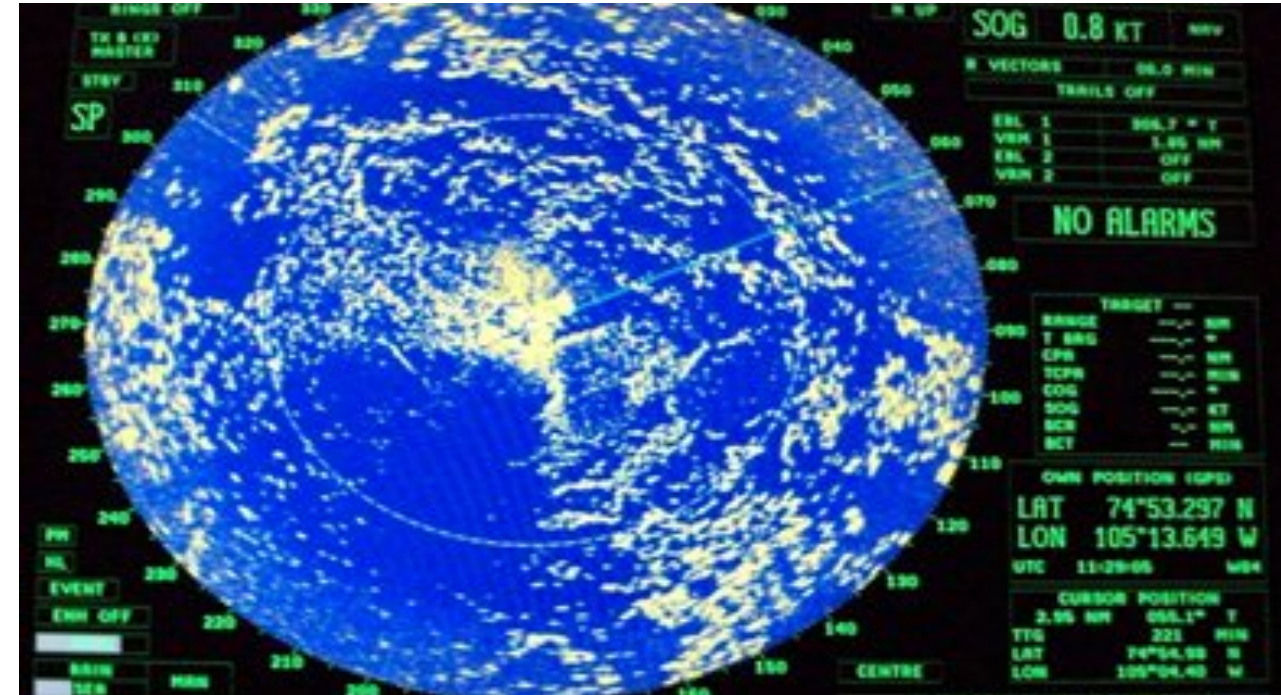
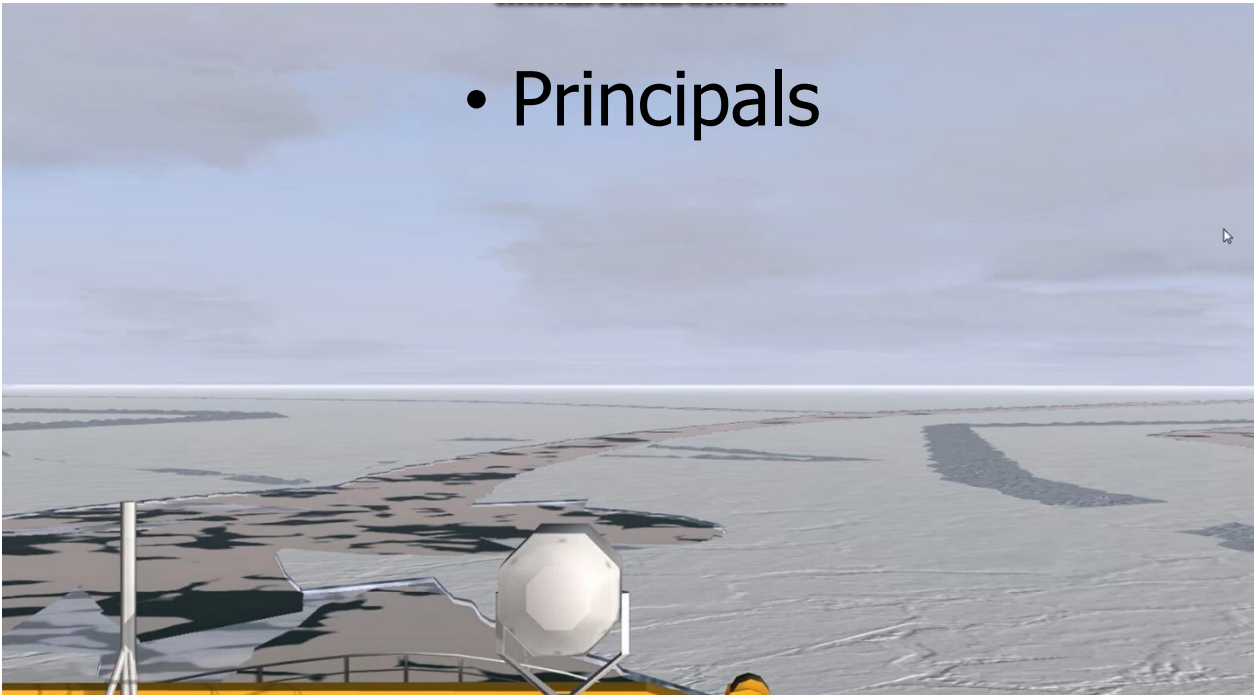
Aboa Mare, located by ice covered waters, provides world class Polar Code training in accordance with the STCW Convention and IMO model courses.

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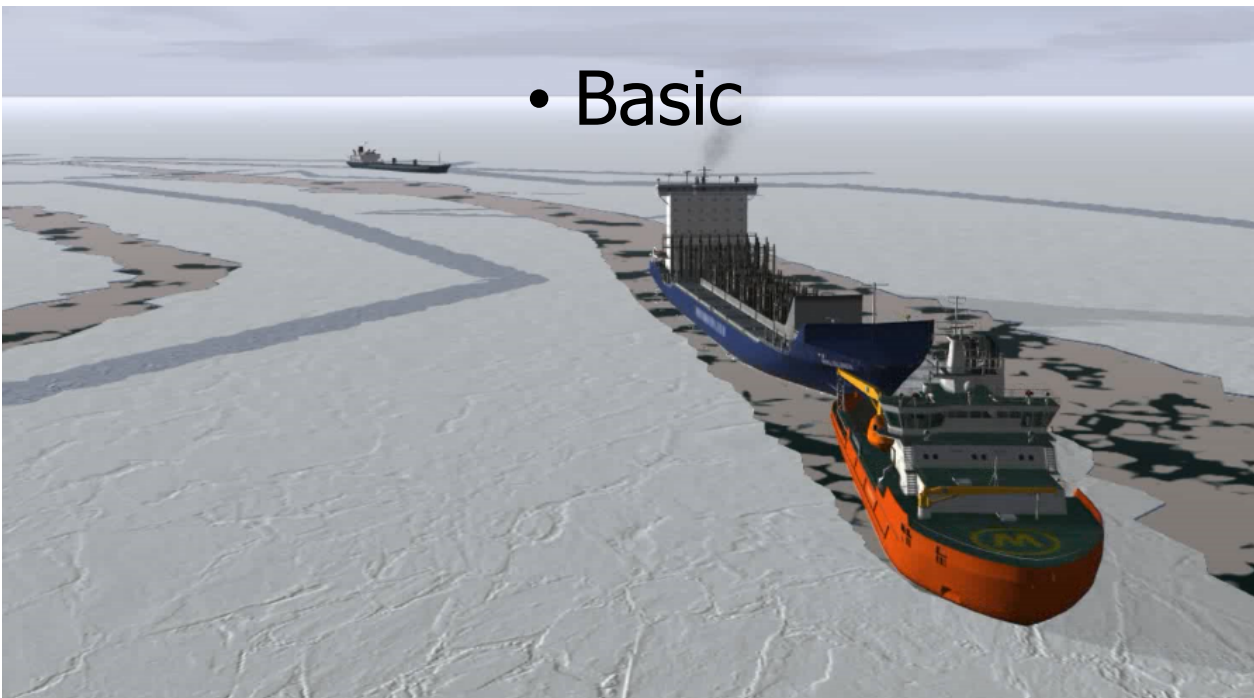


www.aboamare.fi

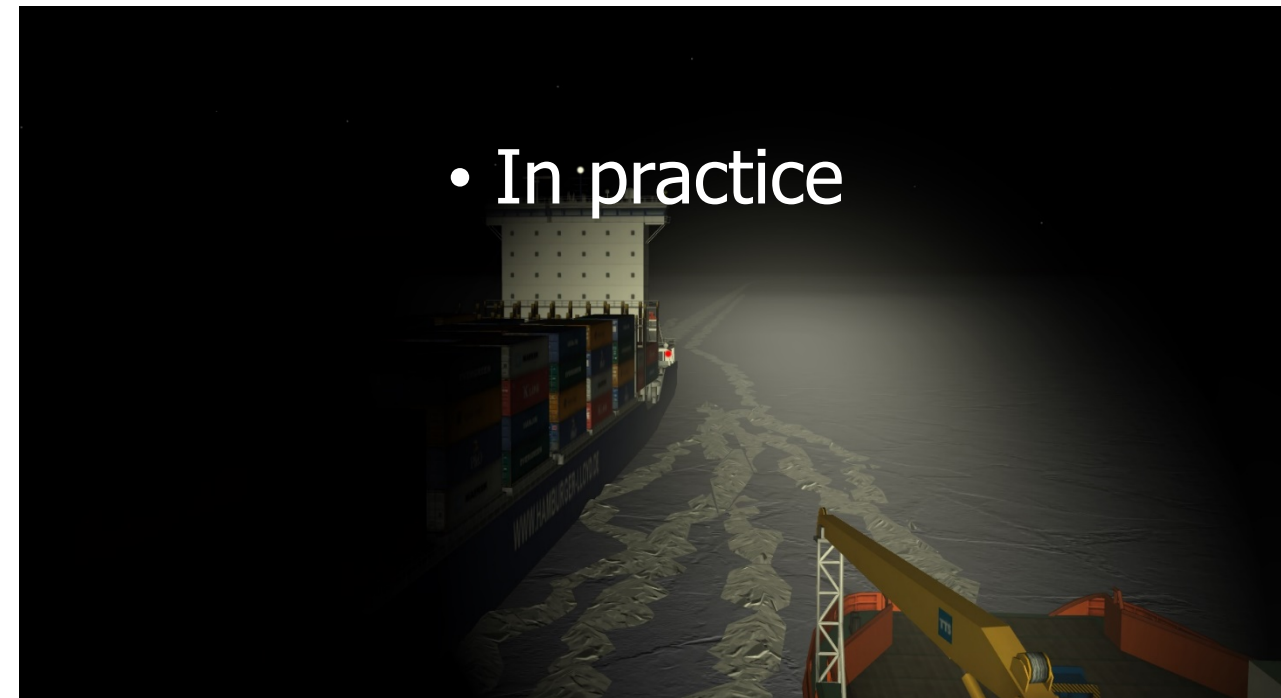
- Principals



- Basic



- In practice



**Help and safety
might not always
be near, nor
immediately
available**

**Easiest method to
avoid needing any
critical help is
being competent
and proactive**



First option,

**Avoid being forced to
abandon your ship**

Second option

**Be prepared to survive in
extremely hostile
environment**

**...I recommend
the first**

- Being forced to abandon your ship on calm tropical waters is risky
-being forced to same in Polar regions exponentially risky
- SARex3 is definitively worth of reading
- <https://uis.brage.unit.no/uis-xmlui/handle/11250/2578301>
- Training must also contain survival skills required in Polar conditions

How to succeed at Polar Shipping

- **Be prepared**
- **Competence**
= **Training + Experience**
- **Although knowledge expands, Arctic is always unpredictable, don't assume you know it all and always, always be prepared to unexpected**



Väylävirasto
Trafikledsverket