

Last year's talk: Preparing for emergencies in polar waters



Expedition Training

This year we will **fight causes leading to an emergency** on research vessels by

- Emphasizing **awareness and knowledge** to prevent incidents

- **Preparedness** to respond to incidents



Training prior departure

Basic expedition training
Directly prior the expedition



Advanced leadership training for scientific management
3-6 Month prior departure

Advanced Training for the Safety of life in polar regions
Months prior departure



Basic expedition training

What do we do?

Raise awareness for the very different environment and hazards on board

Train scientists to **work and live in a safe manner** on board

Training for all incidents that may arise considering

- **Social**
- **Medical**
- **Fire**
- **Flooding**
- **Blackout**
- For polar expeditions: Entrapment and working on ice

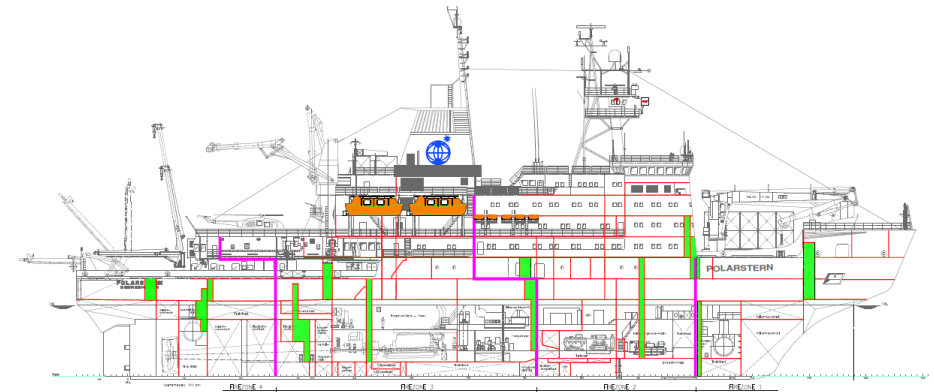
Provide information needed to **make use of the platform in a safe, efficient way** and to have a convenient life on board

Basic expedition training

What do we do?

- Platform and procedure knowledge
- Common behavior on board to have smooth ship operation
- Safe working on deck and in labs

- Communication and social responsibility
- Crisis management



Basic expedition training

What do we do?

- Fire fighting in superstructure and labs
- Combined with rescue and entrapment
- First Responder training



Basic expedition training

What do we do?

- Abandonment
- Sea survival



Basic expedition training

Additional for polar and arctic expeditions

- Polar ship abandonment
- Working on ice
- Safe weapon handling





Advanced leadership training for scientific management

Developing and applying role professionalism, taking into account and reflecting on existing framework conditions

Advanced leadership training for scientific management

Step 1:	Step 2:	Step 3:
Reflecting on leadership Leadership examples	Sharpening the leadership role Creating and sharpening role professionalism as a leader	Actively design leadership Shaping leadership situations and expanding competence to act
What do we mean by "leadership"?	When is leadership actually successful?	Implementing decisions effectively
In what context do we actually lead? What demands are made on us?	Working on self-image/identity Dealing with external disturbances	Making "difficult" decisions Coping with uncertainty Dealing with conflicts
		Leading/managing interfaces Working on own leadership situations



Expedition training benefits

Expedition training benefits

Getting the best out of the expedition by efficient leadership and proficiency in using the platform

Safe operations and safe life on board

Working with pleasure and confidence

=> Creating better scientific circumstances

Reduction of incidents on board

Reduction of ship's downtime

Emergency preparedness: Expecting the best and being prepared for the worst

=> Complying with ship operator's responsibility

Expedition training benefits

Thank you!

Getting the best out of the expedition by efficient leadership and proficiency in using the platform

Safe operations and safe life on board

Working with pleasure and confidence on ship and own resources

=> Creating better scientific circumstances

Reduction of incidents on board

Reduction of ship's downtime

Emergency preparedness: Expecting the best and being prepared for the worst

=> Complying with ship operator's responsibility