NIOZ and OFEG update

Koninklijk Nederlands Instituut voor Zeeonderzoek

Erica Koning, NIOZ
Seattle 2015

NIOZ 2014

- Funding remains our main problem.
- National and EU programs

- 2014: 300 days at sea
- First cruise: Azores, last cruise: Mauritius

- We chartered for approx. 100 days
- Approx. 100 days of transit
- 2 barter cruises
- 2 NIOZ science cruises, 1 science cruise postponed to 2015.

NIOZ 2014

Awareness: PR events

- 10-day stay at the Shipping Museum in Amsterdam

NIOZ outlook for 2015

- Full cruise program: 316 days at sea, 32 maintenance

- Ship has arrived in Ponta Delgada yesterday.

- Next:

- Shipyard for maintenance

- OSNAP work, 2 mooring cruises

- Mediterranean

- Black Sea

- Red Sea and transit into Indian Ocean for an 11 week charter.

- Transit through the Gulf of Aden currently under discussion with operations at our ministry of defense…..

OFEG

- Most important subject being discussed in the OFEG group:
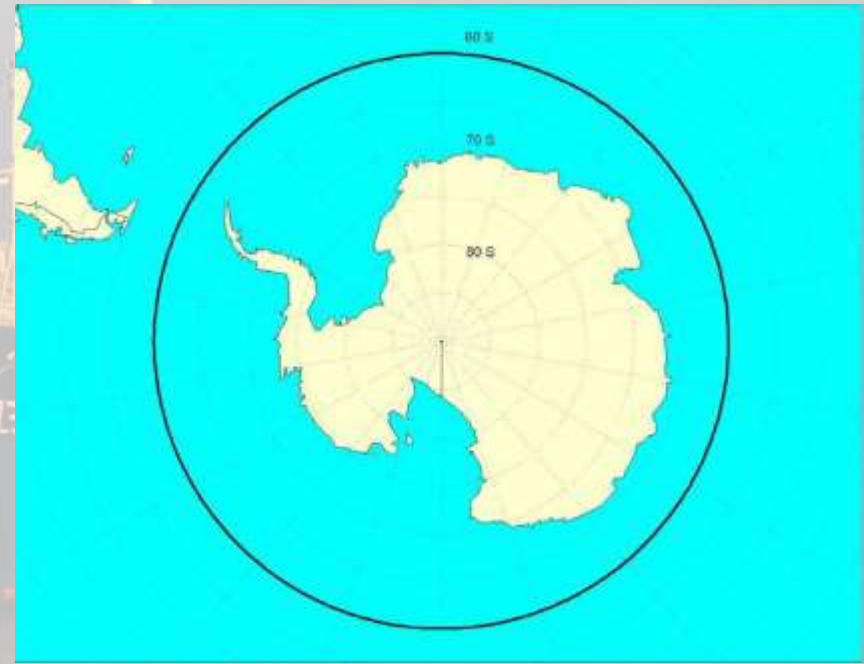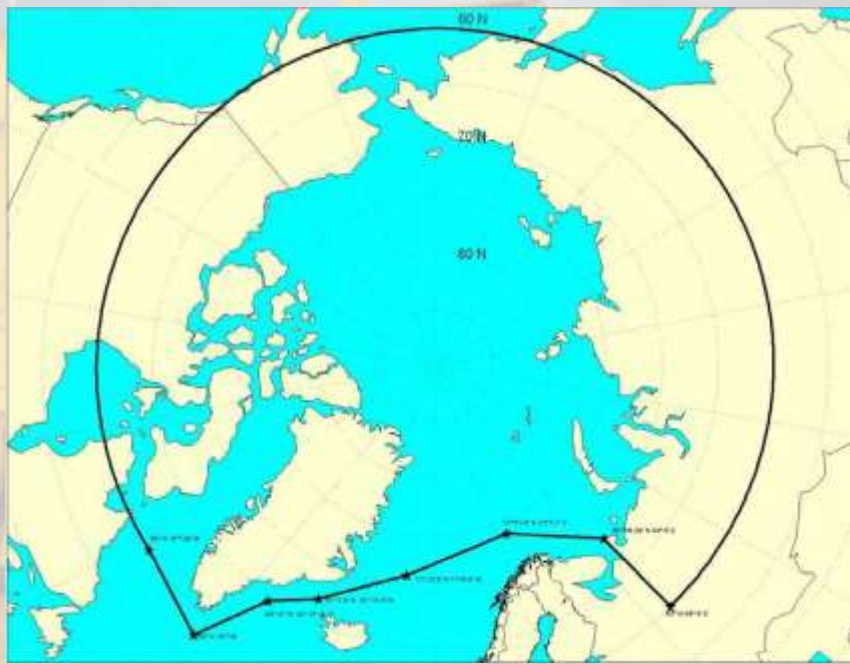
- MLC 2006

- Polar Code

OFEG

- MLC 2006:

- Impact on the operations depends on your flag state;

- Are scientists considered seafarers or not?

- Polar Code: areas of concern:

Certification

Polar Ship Certificate, approved by Flag State

Polar Waters Operational Manual (PWOM)

Certification that shipboard equipment, including LSA is fit for polar temperatures and usage. Crew training!

Likely impact on other ship certificates (ISM, Class, Flag)

New Ships
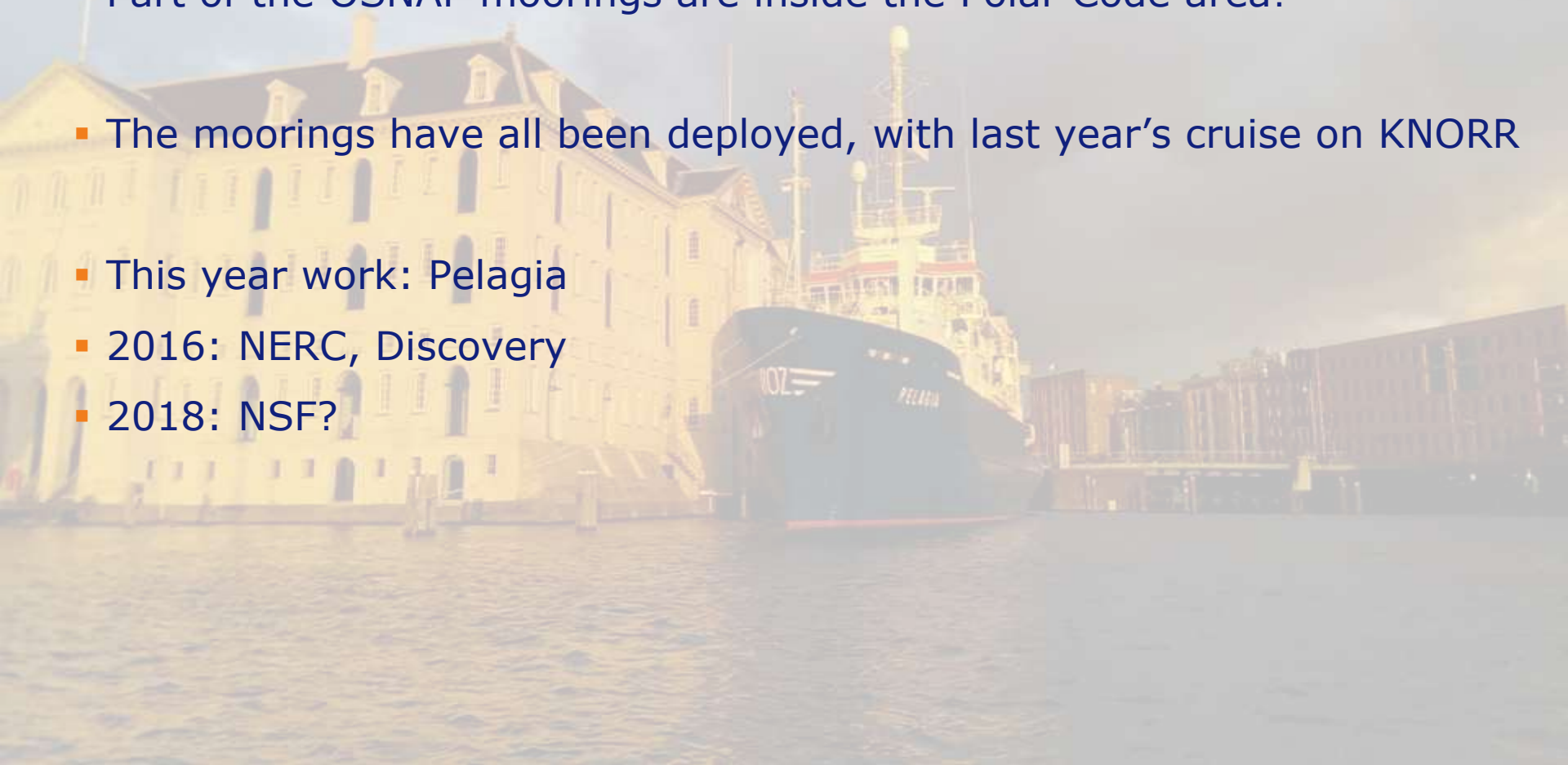
Will need to meet all requirements through the code

Incumbent on owners to understand what it is they want to do and select the appropriate Polar Class

Existing Ships

Dependent on requirement and operation for retroactive application

- **OSNAP EAST**: approximately 25 moorings, plus gliders and floats, involving PI's from USA, UK, Germany and the Netherlands
- Part of the OSNAP moorings are inside the Polar Code area!

- The moorings have all been deployed, with last year's cruise on KNORR

- This year work: Pelagia
- 2016: NERC, Discovery
- 2018: NSF?

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