



Koninklijk Nederlands Instituut voor Zeeonderzoek

OFEG update 2013

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Federal Ministry
of Education
and Research



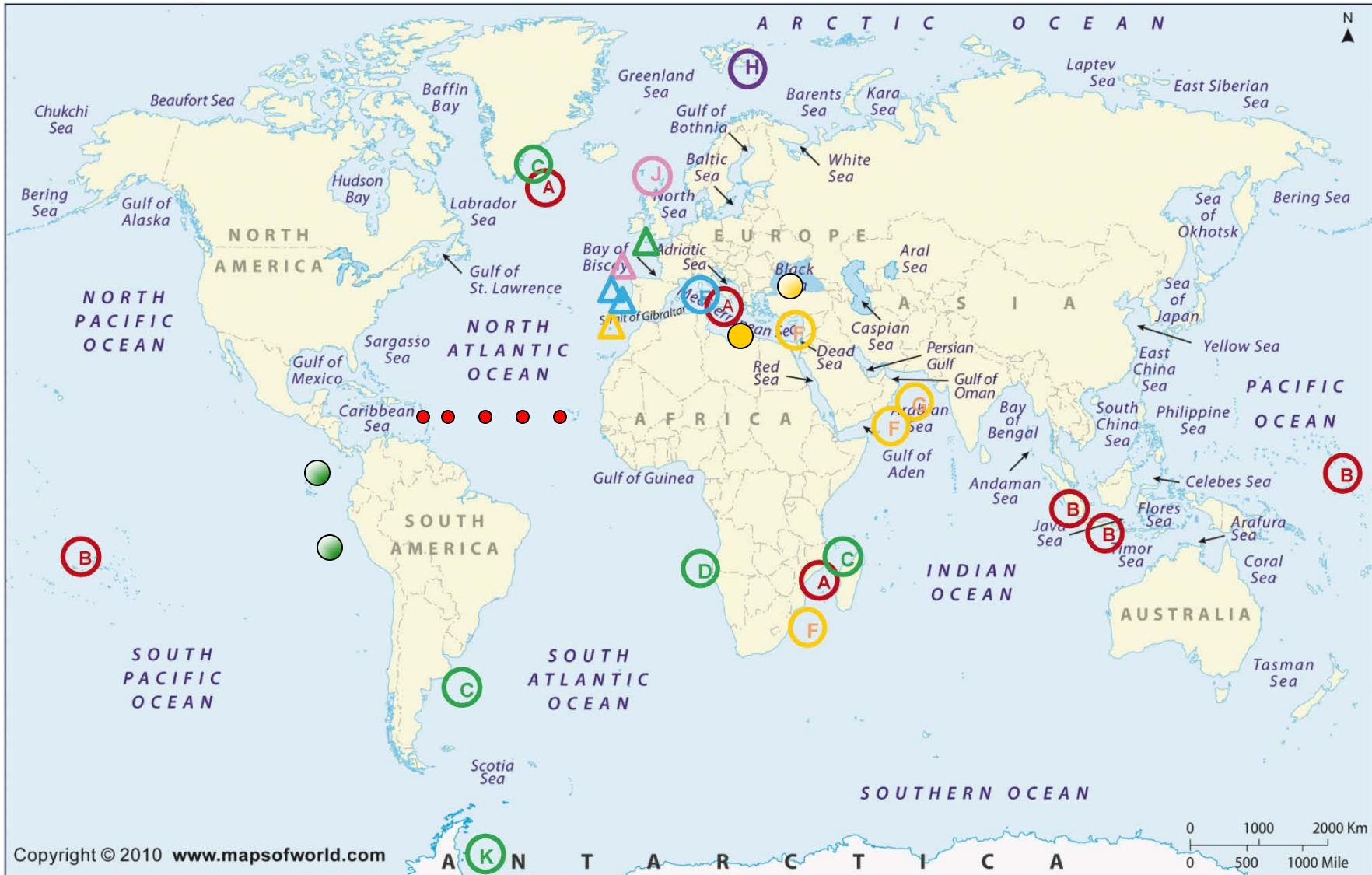
INSTITUTE OF MARINE RESEARCH
AVFORSKNINGSINSTITUTTET



NATURAL
ENVIRONMENT
RESEARCH COUNCIL

About OFEG

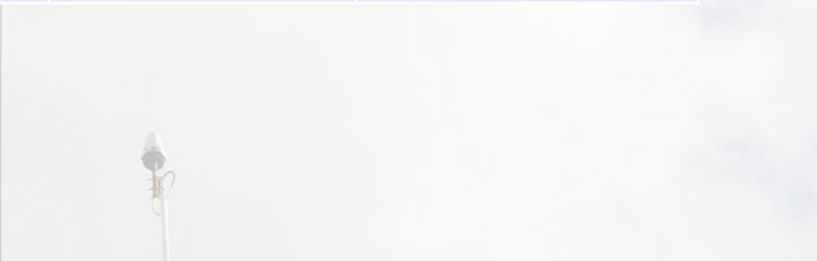
- Exchange of ship time without money changing hand
- Later also equipment
- Point system, each ship has a day rate in points
- Overall goal: in the long run point balance
- Efficiency and cost reduction, no long transits
- 2-way system
- Could work in smaller operational areas





OFEG barter savings

Activity No.	Activity	Days transit saved (k€10-12)	Days charter saved (k€20)	Besparing (k€)
1, 2007	NL cruise on Poseidon (D)		7	140
2, 2008	NERC (UK) intervention for NIOZ (Discovery)	20		200
3, 2008	NL cruise on METEOR (D)		16	320
4, 2008	NERC intervention for NIOZ (Pelagia)	20		200
5, 2010	BMBF (D) intervention for NIOZ (METEOR)	20		200
6, 2010	CSIC (Spain) intervention voor NIOZ		2	40
7, 2010-2011	Multi cruise NL on METEOR	15		150
8, 2011	NL cruise on James Cook (UK)	50		500
9, 2012	NL cruise on METEOR (D)	30		360
totaal				k€2.110





- To do this properly the most important OFEG document is:
- Ship deployment paper: shows where our ships will be in the coming year.
- More important: joint scheduling, more so because our scientists are in joint EU programs and less money is available because of budget cuts.

Deployment of OFEG Research Ships in 2013-2014

It is anticipated¹ that the twenty European research ships of the Ocean Facilities Exchange Group (OFEG), which provides ship-time and equipment exchanges for UK, French, German, Spanish, Norwegian and Dutch scientists under the Tripartite Agreement, will be operating in the following regions in 2013 - 2014:

Dutch research ship

- PELAGIA: North Sea, Mediterranean, Black Sea, Caribbean

French research ships

- POURQUOI PAS?: North Atlantic (W & E), Mediterranean Sea
- L'ATALANTE: N. Atlantic, Mediterranean Sea,
- THALASSA: North Atlantic (E)
- LE SUROIT: North Atlantic, Mediterranean Sea

German research ships

- ALKOR: Baltic & North seas
- HEINCKE: North & Baltic seas
- POSEIDON: Red Sea, Med, Subtropical N. Atlantic (E)
- MERIAN: South Atlantic
- METEOR: Mediterranean, North Atlantic, Baltic, open from sep on
- SONNE: SW Pacific

Norwegian research ships

- G.O. SARS: Barents Sea, Norwegian Sea, North Sea, East Atlantic
- JOHAN HJORT: Barents Sea, Norwegian Sea, North Sea, East Atlantic
- HAKON MOSBY: Barents Sea, Norwegian Sea, North Sea

Spanish research ships

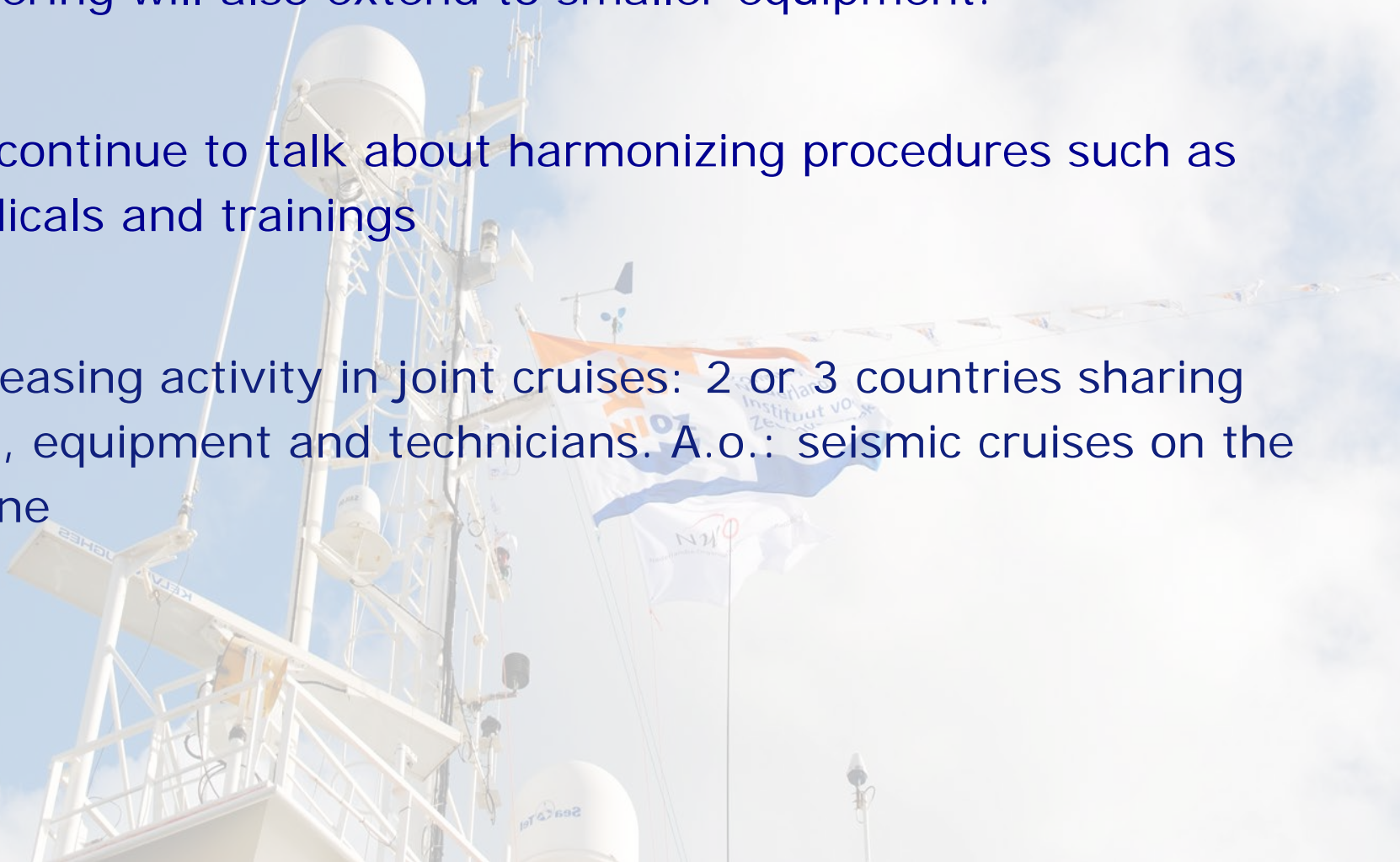
- HESPERIDES: North Atlantic (E & W), Southern Ocean
- SARMIENTO DE GAMBOA: North Atlantic (E), Mediterranean Sea

UK research ships

- DISCOVERY: subtropical to subpolar North Atlantic (E), E. Pacific
- JAMES COOK: North Atlantic (E&W), South Atlantic
- JAMES CLARK ROSS: Arctic, North & South Atlantic, Southern Ocean



- More large equipment will now be available for barter; bartering will also extend to smaller equipment.
- We continue to talk about harmonizing procedures such as medicals and trainings
- Increasing activity in joint cruises: 2 or 3 countries sharing ship, equipment and technicians. A.o.: seismic cruises on the Sonne



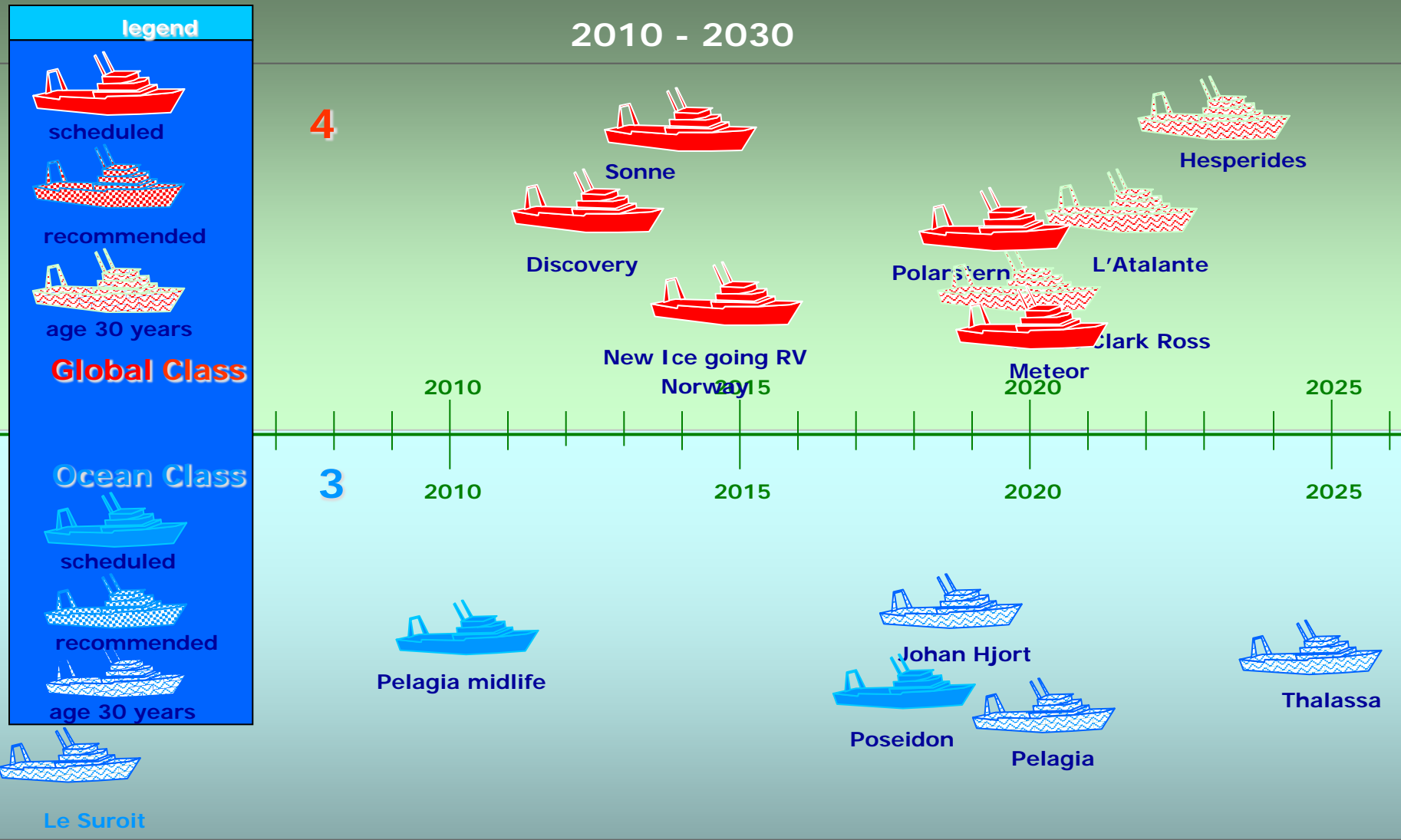


OFEG tech, spin-off of OFEG

- OFEGtech has a focus on the technical aspects:
- Interoperability, being able to use each other's equipment
- Joint training cruises: piston coring
- NERC-CSIC seismic cooperation
- Technicians from OFEG partners will join new Discovery trials cruises that are now going to take place.



Roadmap of Renewal of OFEG Ocean and Global class RV fleet



8 Scheduled and recommended renewal/replacements of RVs built before 2000

5 RVs built after 2000:

Global Class: Pourquoi Pas? 2005; James Cook 2007
 Ocean Class: G.O. Sars 2003; Maria S. Merian 2005;
 Sarmiento de Gamboa 2007



OFEG meeting Spring 2012 Visiting Discovery

