International Seismic Assets

Compilation of seismic capabilities around the world:

A work in progress

Australian & European Capabilities



R/V Sonne



R/V Hesperides



R/V James Clark Ross



R/V Investigator



OCEAN FACILITIES EXCHANGE GROUP A BOTTOM-UP APPROACH TOWARDS RESEARCH FLEET CO-ORDINATION AND HARMONIZATION





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INTRODUCING OFEG

OFEG represents Europe's leading oceanographic research organisations and provides a forum to consider barter exchange and co-operation opportunities for the Global and Ocean Class research fleet. OFEG aims to maximise the overall scientific output using its state-of-the-art facilities in support of the worldwide oceanographic community. For further information on the history of OFEG and how it operates, visit the about pages.

LATEST OFEG NEWS

15 Nov 2018

Kronprins Haakon

first regular research cruise [read more]

15 Nov 2018

FAUCES I Cruise

R/V Sarmiento de Gamboa. September 26-October 12, 2017. Leaders: D. Casas, G. Ercilla and B. ... [read more]

10 Aug 2018

German barter cruise on RV PELAGIA in August/September 2018

[read more]

9341 visitors

News

21 Jun 2017 German barter cruise will occur on the RV Pelagia

Calendar















EurOcean_RV

Consult the on-line statistics of the Operating Research Vessels Infobase

EUROPEAN RESEARCH VESSELS INFOBASE

EurOcean maintains a searchable database of the European research vessels (RVs) operating in Europe and abroad. It includes research vessels from the coastal to high seas (≥ 10 meters).

Information on vessel specifications, contact information and the real time position of the large RVs is online for consulting. This information is regularly updated by the RV operators.

A list of the European research vessels planned and under construction and vessels out of service is also available.

If you are aware of any vessel that is not yet in this database or any other updates please contact SurGasan or insert yourself a new record and updates

- O OPERATING RVs
- O PLANNED AND UNDER CONSTRUCTION RVs
- O RVs OUT OF SERVICE

EurOcean ™, EurOceanio

JAMSTEC Fleet

R/V YOKOSUKA



R/V MIRAI



R/V KAIREI



R/V KAIMEI



R/V HAKUHOMARU



R/V SHINSEIMARU



D/V CHIKYU



JAMSTEC fleet is operated by private companies.

GT: Gross tonnage

Seismic Imaging

- R/V KAIREI and R/V KAIMEI have seismic survey capability.
- R/V KAIREI
 - 444 channel, 6,000 m streamer cable
 - 4 x 1,950 cu. Inch (7,800 cu. inch total) tuned allay air-guns
 - Working about 250 days/year, mainly for MCS.
 - Currently not much available window exists due to working for geohazard survey around Japan as governmental request.
 - Geoscience Australia contract with JAMSTEC to use her for LHR seismic survey in 2016 (and 2017)
 - R/V KAIREI's function will move to R/V KAIMEI in 2018.

Current situation

- JAMSTEC currently re-organizing fleet, since some of our vessel become older and the balance between budget and number of vessels should be seriously reconsidered.
- JAMSTEC understood necessity and demand for seismic imaging for scientific ocean drilling.
- Possible option could be collaboration survey with already scheduled cruise OR hire vessel for a specific research cruise (e.g., GA).

Countries with Seismic facilities

Country	contacted?	lists provided?
Denmark	x	x
Norway	x	x
Germany	x	x
France	x	
UK	х	
Spain	x	
The Netherlands	x	x
Australia	x	
New Zealand		
Korea	x	
Japan	x	
China		
Canada		
Taiwan		

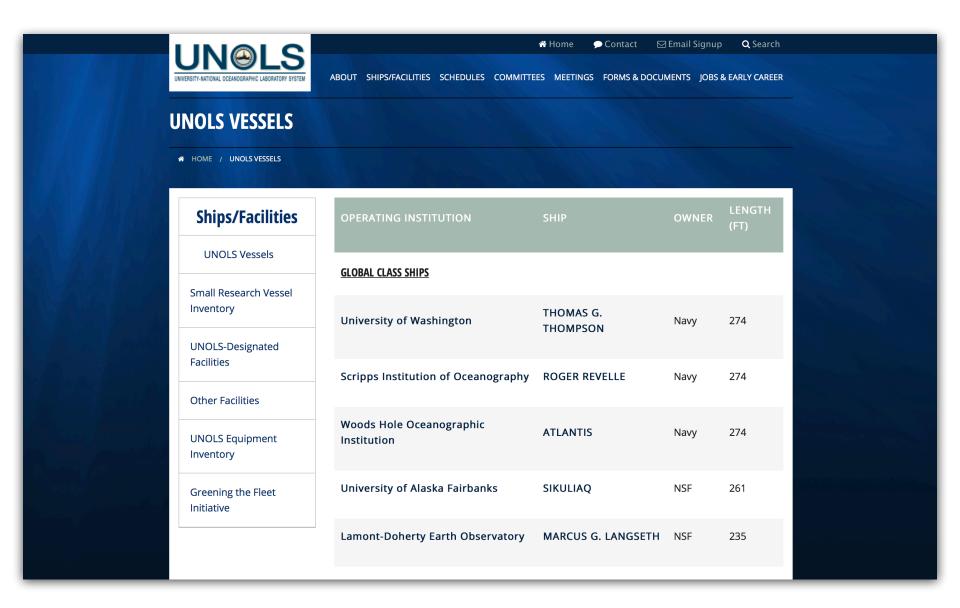
If you know of others, please send me contact info (jrh@gues.dk)

Two categories defined:

- Fixed equipment (compressors etc.)
- Portable equipment

Ships with fixed equipment

Country	Name of ship	Compressor capacity	Streamer info	Source array info	Access possibilities	Contacts	Notes
Norway	GO Sars	11000 L/min				roy.aage.kleps vik@hi.no	Capable of using 3 km streamer and crustal scale air-gun array.
Norway	Kronprins Haakon	11000 L/min				baard.erik.ben tzen@hi.no	Capable of using 3 km streamer and crustal scale air-gun array.
Germany	FS SONNE	48 m³/min == 4 x Sauer Compressors with 12 m³/min each, with max. 200 bar (3000 PSI)			generally only within approved research projects	gpf@dfg.de	
Germany	FS Maria S. Merian	36 m³/min == 3 x Sauer Compressors with 12 m³/min each, with max. 200 bar (3000 PSI)			generally only within approved research projects	gpf@dfg.de	
Germany	FS Polarstern	31 m³/min == 1 x LMF Compressor with 31m³/min with max. 150 bar (2000 PSI)			generally only within approved research projects	polarstern- coordination@ awi.de	
Japan					Limited to Pacific work?		
Korea	Tamhae II					KIGAM	3D?
Korea	Tamhae III					KIGAM	3D, expected to built by 2022



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