

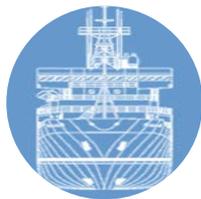
EurOcean's Integrated Research Infrastructures Database (RID) adding value to marine infrastructure initiatives

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Evolution of four infrastructure databases

2006



Research Vessels (370)



Exchangeable Equipment (149)



Aquaculture Facilities (104)



Research Infrastructure Database (949)

2018

Adding Value to Other Initiatives



Downloads

Links

News

We are delighted to announce that the follow on to Marinet, Marinet 2, has been approved funding through the Horizon 2020 - INFRIA call. This new project is due to start in early 2017 and will run for 4.5 years. Whilst activities proposed under MaRINET2 will follow the same formula, balancing networking/joint research/ and transnational access, the consortium and scope of work is expanded to include 39 partners in 13 countries with 57 facilities. New website coming soon - www.marinet2.eu

Why an Integrated Database is Required

- Recurrent extra work to maintain, update and homogenise the 4 InfoBases, each having their own source file;
- Remaining discrepancies between the InfoBases due to different definitions or interpretation of some descriptors;
- Features and design in need of update for the oldest InfoBases.

The challenge was to develop an integrated system in order to unify both the source files and the online InfoBases and interfaces.



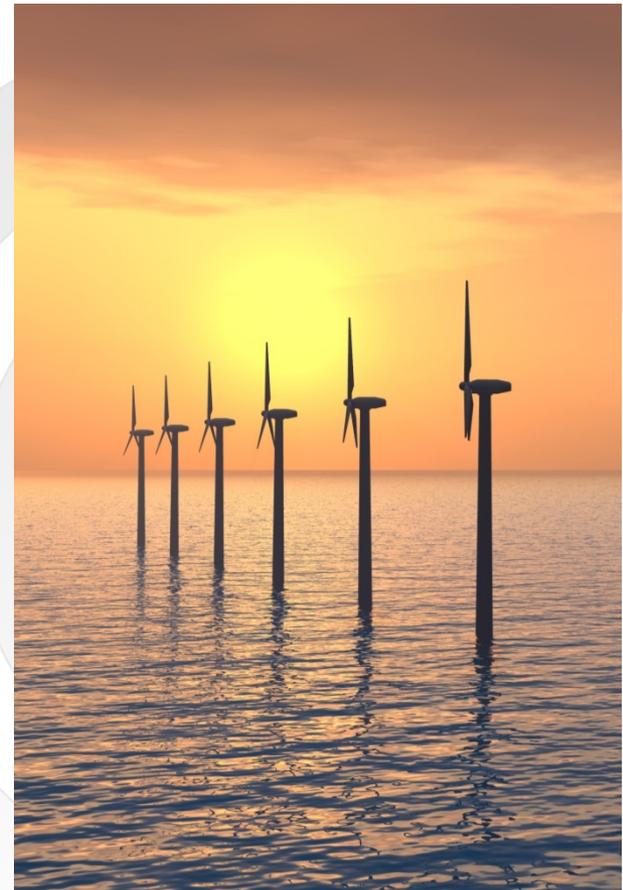


Collaborations for the development of a proposal



Features of the Integrated Database (RID 2.0)

- A modular approach allowing easy expansion;
- Simplification of categories;
- Standardization and protocols (assure compatibility with standards regarding information provisioning services and data content itself); e.g. SeaDataNet and BODC;
- Compliance with GDPR;
- Overview statistics.



Fourteen Infrastructure Categories are Included

Research Vessels
Underwater vehicles and large equipment
Fixed point open ocean observatories
Mobile ocean observatories
Coastal observatories
Deep ocean drilling research facilities
Satellites for seas and oceans observation
Marine data providers
Basins, flumes and test labs for ocean engineering
In situ test sites for ocean renewable energy
Marine biology stations
Aquaculture research facilities
Marine mesocosm facilities
Other

These align with key EU Projects and Initiatives



Common Information Available for all records

Name	Length (m)
Owner	Max. Operating depth (m)
Operator	Service currently offered by the infrastructure
Operator status	Access conditions
Category	Examples of scientific data acquired
Type	Logo of operator
Country	Photo of infrastructure
Main operating areas	Location (hometown)
Main scientific disciplines addressed	Latitude
Contact person	Longitude
Operator URL	Last Update of the information:
Infrastructure URL	
First Year of service	
Year of last refit	

E.g. Specialised Information for Some Categories

Ship information >>>

Vessel status *

Technical capacities *

Vessel Type *

ICES Shipcode

MMSI Number

IMO Number

NODC Code

Call Sign

URL Schedule

Class Notation



Main Characteristics >>>

Length (m)

Breadth (m)

Max displacement (tons)

Gross Tonnage

Freeboard to Work Deck (m)

Draft (m)

Hull Material

Electrical propulsion (Yes/No)

Dynamic Position

Silent Ship Operation Abilities

Capacity Dry Cargo Area (m3)

Fuel Capacity (m3)

Water Capacity (m3)

Water Gen (m3)

Taking on board the ERVO and FEG considerations

Technical Capacity	Equipment / Instrumentation
Icebreaking	N/A
Fisheries	N/A
Physical Oceanography	ADCP; CTD; mooring capacity
Geosciences	Multibeam Echosounder
Deployment of towed or submarine equipment	N/A
<1000m class equipment	N/A
>1000m class equipment	N/A

Activity	Y/N	% of act. (per year)
National public funded research	Y/N	~
European /International funded research	Y/N	~
Survey	Y/N	~
Charter or public/private cooperation	Y/N	~
Logistics	Y/N	~
Maintenance/transit/quay side	Y/N	~
Education	Y/N	~
Other (non-national, other public funded activities (e.g. wreck search, oil spill ...), etc.)	Y/N	~

Taking on board the ERVO and FEG considerations

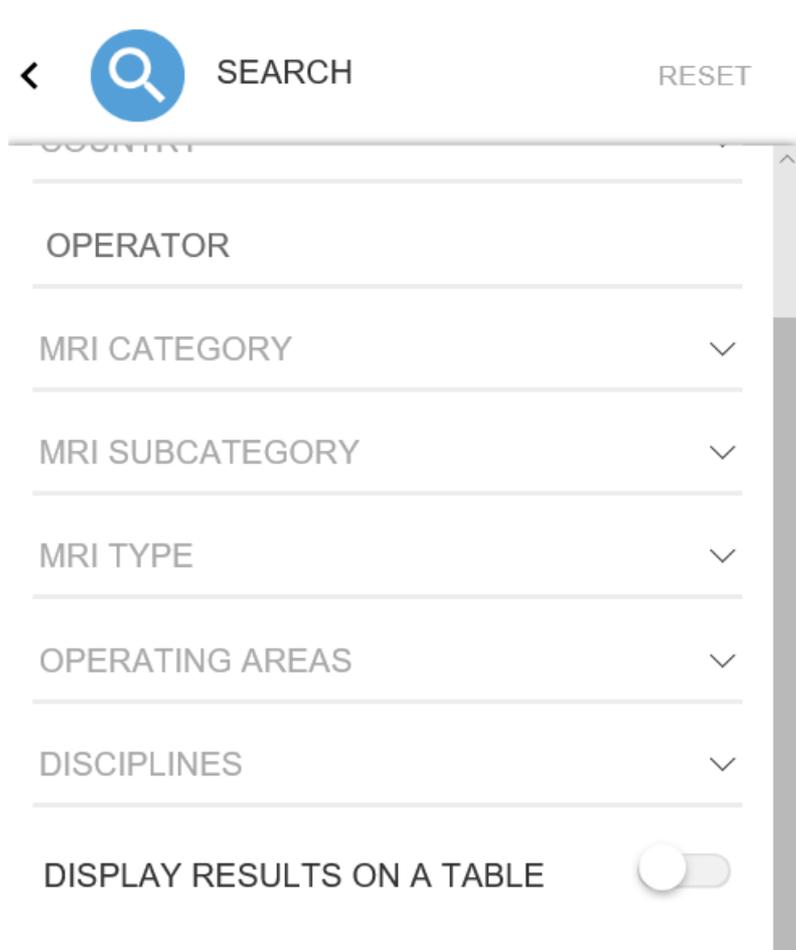
Additional info	Y/N or info
Included in a barter or a scheduling cooperation agreement with other operators	Y/N
If Yes >>> Name of the barter or agreement	Free text
Access through an external (national or international) peer review	Y/N
Access through in-house peer review process	Y/N
Status of the owner	public or non-public

Taking on board the ERVO and FEG considerations

Ship Performance/Class	Global	Ocean/ Intermediate	Regional	Coastal	Local (mobile)
Areas	Min. 2 areas	1 Area	///	///	///
Max. Distance from base	///	///	2000nm	500nm	50nm
Length (m)	>80m	80m≥L>55m	65m≥L>30m	40m≥L>15m	<15
Science berths (including scientists and non-permanent technicians)	>25	>20	>10	>5	<5

Characteristics for defining the ship class

A Series of Search Filters are Implemented



Click into results or save them externally

SEARCH RESULTS: **12** records

 Printable detailed PDF
  Printable tabular PDF

Name	Category	Subcategory	Type	Country	Operator
ACRI Enviport	Marine data providers	n/a	Data mapping tool and portal	Italy	JRC-IES - Join Research Centre; Institute for Environment and Sustainability
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Share your own Information in RID 2.0

CONTRIBUTE YOURSELF TO UPDATE THE DATABASE

If you are aware of any Infrastructure that is not yet in this infobase or any other updates please contact [EurOcean](#) or [insert](#) yourself a new record and updates.

 CONTACT  INSERT

COMING

SOON!

<http://rid.eurocean.org>

infrastructures@eurocean.org