

ERVO 2017 HELSINKI

June 2017

R/V POURQUOI PAS?



R/V THALASSA



R/V L'EUROPE



Genavir is an economic interest group (EIG) set up by 4 members :

IFREMER, IRD, CNRS, IRSTEA and BOURBON Surf.



Genavir manages and operates research vessels and equipment owned by IFREMER and IRD.

- 4 deep blue vessels : Pourquoi Pas ?, L'Atalante, Thalassa, Le Suroit,
- 2 regional vessels : Antea and Alis
- 2 coastal vessels : Thalia, L'Europe
- 1 oceanographic boat : Haliotis
- Acoustic equipment such as a seismic acquisition chain (SMT, HR2D, SISRAP),
- Underwater equipment : Nautile, ROV Victor, Penfeld penetrometer...

GENAVIR provides the following services :

- Scientific data collection :
 acquisition, quality control and delivery to scientists.
- Ship management , worldwide H24 7/7
 Crewing and operation of research vessels and equipment's
 Operation of acoustic, seismic and underwater scientific equipment
- Technical management
 Maintenance of research vessels,
 Maintenance of scientific equipment

Personnel staff includes 200 seamen (85 contract), 83 engineers and technicians, 31 administrative staff and 40 fixed term contracts.

R/V L'ATALANTE



R/V ANTEA



R/V THALIA



R/V ALIS



R/V HALIOTIS



Estrial

UNDERWATER SYSTEMS / SCIENTIFIC EQUIPMENT

NAUTILE



Main characteristics :

- Operational depth : 6000 m
- Weight : 19,5 t
- Length : 8 m
- Crew : 2 pilots + 1 scientific
- Autonomy (on seafloor) : 5 hours
- Autonomy (security) : 120 hours

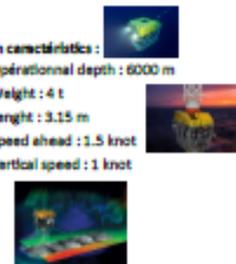


ROV VICTOR



Main characteristics :

- Operational depth : 6000 m
- Weight : 4 t
- Length : 3,15 m
- Speed ahead : 1,5 knot
- Vertical speed : 1 knot

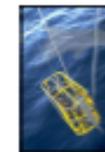


SCAMPI



Main characteristics :

- Operational depth : 6000 m
- Autonomy : 10 hours



AUVs AsterX & IdfX



Main characteristics :

- Operational depth : 3000 m
- Length : 4,5 m



SYSIF

Deep Towed Seismic system



Main characteristics :

- Operational depth : 6000 m



HROV ARIANE



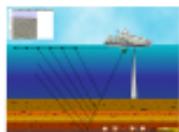
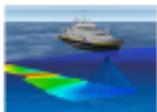
Main characteristics :

- Operational depth : 2500 m
- Weight : 1,5 t
- Autonomy : 6 at 10 hours



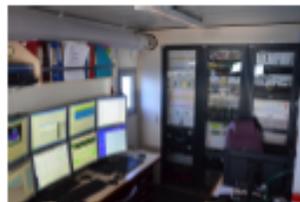
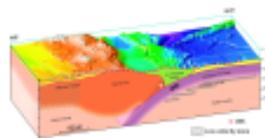
Acoustic equipment

- Multibeam echosounder
- Fishing echosounder
- ADCP Courantometer
- Side scan sonar
- Sub-bottom profiler



Seismic equipment

- Mutli channel seismic system
- High-resolution 2D and 3D seismic systems
- Light seismic system (Sparker)

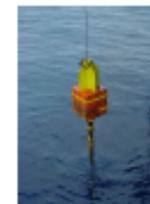


Others Equipment

- Penfeld penetrometer



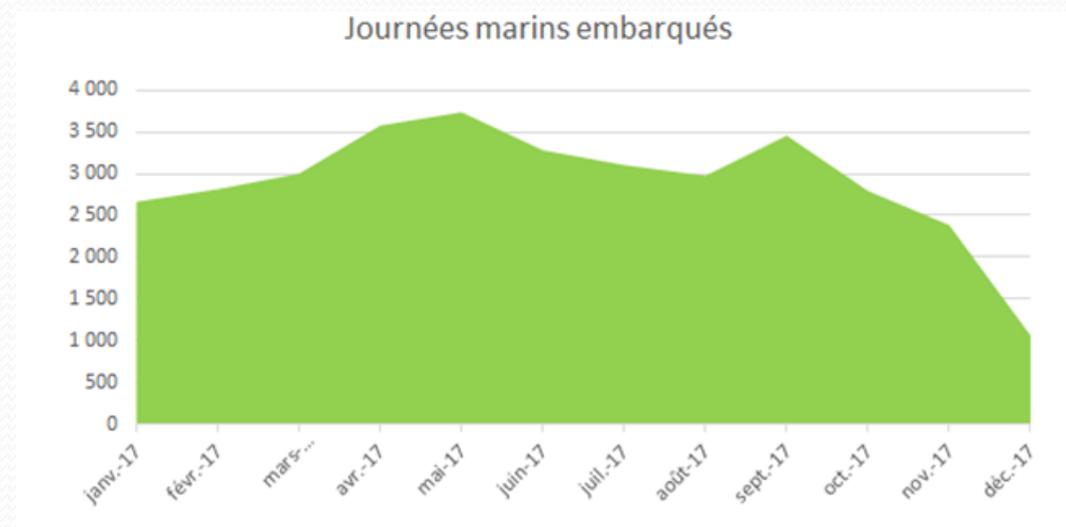
- Piston Corer Calypso 8T / 5T
- Piston Corer Kullenberg
- Vibro-corer



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Training : video tutorials

- ISM, ISPS, ISO 9001 represent a huge amount of procedures.
- The risk assessments and feed back from continuous improvement involved more detailed and complex procedures which are, at the end, not easy to take in hand.
- The activity is not constant all year long. To face the increase of activity, we have to call for fixed term contracts. Training of these newcomers is a key point for us and our safety management system.



Training : video tutorials

ERVO 2017 - TRAINING TUTORIALS

Under Keel Clearance

- UKC management
 - Safe navigation for vessel, crew and equipment in all circumstances.
 - The UKC is the responsibility of the master.
- The company has to provide master with instructions
 - The draught “overall” including gondola etc...
 - When performing a UKC calculation
 - When informing the company
- Responsibilities
 - Master
 - Officers
 - Company
- UKC in operation

- ROV : 300m*
- SMT : 100m*
- SISRAP : 50m*
- SIS HR : 50m*
- SIS HR3D : 50m*
- MVP : 50m*