



THE FRENCH RESEARCH VESSELS
MANAGEMENT: AN OPPORTUNITY
FOR HARMONISED DATA

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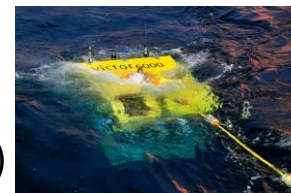
(1) IFREMER/IRSI

(2) IFREMER/DFO

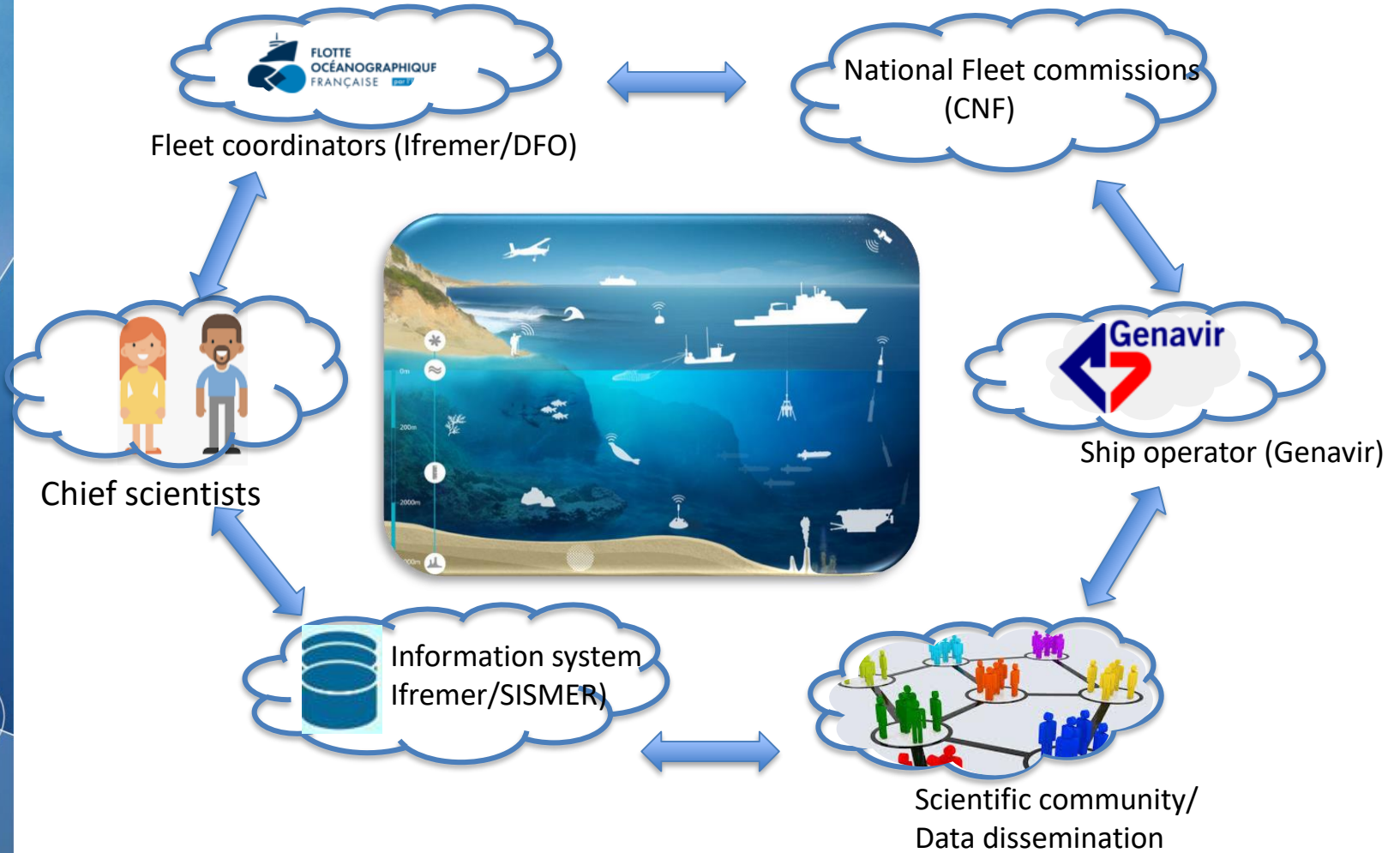
- Born as a Very Large Research Infrastructure in 2018
- Directed by the Oceanographic Fleet Management (Ifremer/DFO)
- Since 2020, it includes:



- ✓ 6 deep-sea/mid-shore vessels from IPEV, Ifremer (*Marion Dufresne, Pourquoi Pas?, L'Atalante, Thalassa, Antea, Alis*)
- ✓ 5 coastal ships from Ifremer (*L'Europe, Thalia, Côtes de la Manche, Tethys II and Haliotis*)
- ✓ 7 research station ships from academic institutions (CNRS, universities, ...) (*Antedon II (Marseilles), Sepia II (Wimereux), Nereis (Port-Vendres), Neomysis (Roscoff), Albert Lucas (Brest), Planula IV (Arcachon) and Sagitta III (Nice)*)
- ✓ 5 Deep-water submersible vehicles (*Nautile, Victor 6000, AtserX, Idef, Ariane*)
- ✓ Mobile equipment (*seismic systems, deep sea coring, underwater cameras, etc...*)



The French Oceanographic Fleet Stakeholders



- Administration
- Progress reports
- Expertise
- Instructions
- General Information
 - Preliminary Information
 - Definition
 - Cruise missions
 - Position
 - Dates
 - Campaign Serie
 - Attached programs
 - Legal Information
 - Objectives Summary
 - Cruise Summary Report
- Campaign Valorization
 - Campaign description
 - Acquired Data and Analysis Made at Sea and on Ground
 - Major Results
 - Programmatic and Scientific Context of the Campaigns
 - References

Legend

- Optional (not yet validated)
- Invalid or Incomplete
- Complete (to be validated)
- Validated by mission chief
- Controlled by the DFO
- Required for validation

Cruise Summary Report

Cruise Summary Report Page State: Optional (not yet validated) Invalid or incomplete Complete (to be validated) Validated by mission chief Controlled by the DFO

DESTROY THE .HTACCESS FILE ?

SDN vocabulary lists

Participating organizations: IFREMER

Captors: Boutilles CTD Echosondeurs monofaisceau Echosondeurs multifaisceau Engins de pêche actifs Filets plancton

Parameters * + ADD + SIMPLIFIED MULTIPLE SELECTION + DUPLICATE FROM CAMPAIGN

B02 - Phytoplankton pigments (eg chloroph)

| DETAILS | | | |
|------------------------|---------------|------------------|----------|
| Description (FR) | ? | Description (EN) | ? |
| Amount of observations | 13 | Unit | stations |
| Manager | LAZARD Coline | | |

B08 - Phytoplankton

| DETAILS | | | |
|------------------------|---------------|------------------|---|
| Description (FR) | ? | Description (EN) | ? |
| Amount of observations | ? | Unit | ? |
| Manager | LAZARD Coline | | |

B09 - Zooplankton

| DETAILS | | | |
|------------------------|---------------|------------------|---|
| Description (FR) | ? | Description (EN) | ? |
| Amount of observations | ? | Unit | ? |
| Manager | LAZARD Coline | | |

B13 - Eggs & larvae

| DETAILS | | | |
|------------------------|---|------------------|---|
| Description (FR) | ? | Description (EN) | ? |
| Amount of observations | ? | Unit | ? |

SAVE VALIDATE

MOMARSAT2020

Type Oceanographic cruise

Set This cruise is part of the set **MOMARSAT : MONITORING THE MID ATLANTIC RIDGE**

Ship Pourquoi pas ?

Ship owner Ifremer

Dates 04/09/2020 - 04/10/2020

Chief scientist(s) **SARRADIN Pierre-Marie** , **LEGRAND Julien**

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DOI **10.17600/18000684**

Objective The MOMARSAT series of campaigns (<https://doi.org/10.18142/130>) ensures the annual maintenance of the EMSO-Azores observatory on the Lucky Strike hydrothermal field. This seafloor observatory has been in operation since 2010 and aims to acquire time series ≥ 10 years on the hydrothermal, tectonic, volcanic processes and ecosystems of an active hydrothermal site of the Mid-Atlantic Ridge. It is part of the European EMSO ERIC network (European Multidisciplinary Seafloor and water column Observatory - <http://emso.eu/>), supported in France by the EMSO-FR Research Infrastructure (MESR), which is managed by an Ifremer/CNRS collaboration.
The study area is part of Portugal's EEZ and a "Marine Protected Area" (OSPAR).
The LuckyDivMic campaign is this year integrated into the MoMARSAT campaign.



SDN vocabulary lists

How to cite ?

SARRADIN Pierre-Marie,
LEGRAND Julien (2020)
MOMARSAT2020 cruise, RV
Pourquoi pas ?, <https://doi.org/10.17600/18000684>

Reference documents

Activities of the EMSO Azores deep sea observatory within EMSO France framework

DATA MANAGED BY SISMER

DIVES

Contact

Reports and information request

Publication

Publish oceanographic data
Archive data collected during cruises at Sismar
Report publications using cruises

Edition

Legal notices
Credits

Each cruise project is to carry out sampling of active chimneys of the different sites of the Lucky Strike hydrothermal field to study their microbial diversity (using high throughput



assessed quality

thanks to an
now
ise.

fully feeds the
of access to all

videos ...

The unification of the french research vessels within the FOF has been an opportunity to unify the management of french oceanographic cruises and their associated data.

The use of common vocabulary repositories established at the European level is an essential step to contribute to the application of the FAIR principles -Findability, Accessibility, Interoperability and Reusability- to the french data.



Aanny questions/comments/remarks ?

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