



# SeaDataNet

Cruise Summary Report (CSR) directory

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# CSR workflow



## CSR BACK-OFFICE

Online tool to allow Chief Scientists and NODCs to create and update CSR entries


**Add a new CSR**

[FROM EMPTY ONLINE FORM](#)

---

Or Import CSR from ZIP/XML files

Drag and drop files here



NB: You can upload one or many SeaDataNet XML files or Zip containing SeaDataNet XML files.

**IDENTIFICATION**

DEPOSITOR

RESPONSIBLE

OBJECTIVES

OTHER INFORMATION

PROJECTS

PARAMETERS

AREAS

MEASUREMENTS

MOORINGS

IFREMER

VALIDATION

## CSR SEARCH INTERFACE

PAN EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT

CRUISE SUMMARY REPORT INVENTORY (CSR)

64924 results

Name	Country (Cruise center)	Chief scientist	Platform	Period
<input type="checkbox"/> 2023002001 21028592	Norway	Jon Ranning	Johan Hjort	05.01.2023 > 13.01.2023
<input type="checkbox"/> 2023K9 21028312	Sweden	Mikael Preeu	Unknown (Z99)	20.12.2022 > 20.12.2022
<input type="checkbox"/> RADCAN_2022-12 21028315	Spain	Luis Felipe González de los Reyes-Gavilán	Ramon Margalef (29RM)	15.12.2022 > 18.12.2022
<input type="checkbox"/> ANTABLOG_20221213 21028481	Spain	UTM	Hesperides (29HE)	13.12.2022 > 29.12.2022
<input type="checkbox"/> BU2022/32 21028463	Belgium	Koen Degrendele, Nicolas Vanermen	Belgica (11BU)	10.12.2022 > 17.12.2022
<input type="checkbox"/> BRIDGE-BS Dec 2022 21028506	Turkey	Dr. Hasan Orek	Bilim-2 (89B2)	07.12.2022 > 24.12.2022
<input type="checkbox"/> 2023C8 21028293	Norway	Cecilie Kvanne	Kristine Bonnevie (S8UC)	06.12.2022 > 11.12.2022

<https://csr-backoffice.seadatanet.org>

<https://csr.seadatanet.org>

# CSR back-office

<https://csr-backoffice.seadatanet.org>

- Main fonctionnalités



Identification using Marine-id



On-line forms



Submission of CSR XML files



Preview



Follow-up of CSR submissions

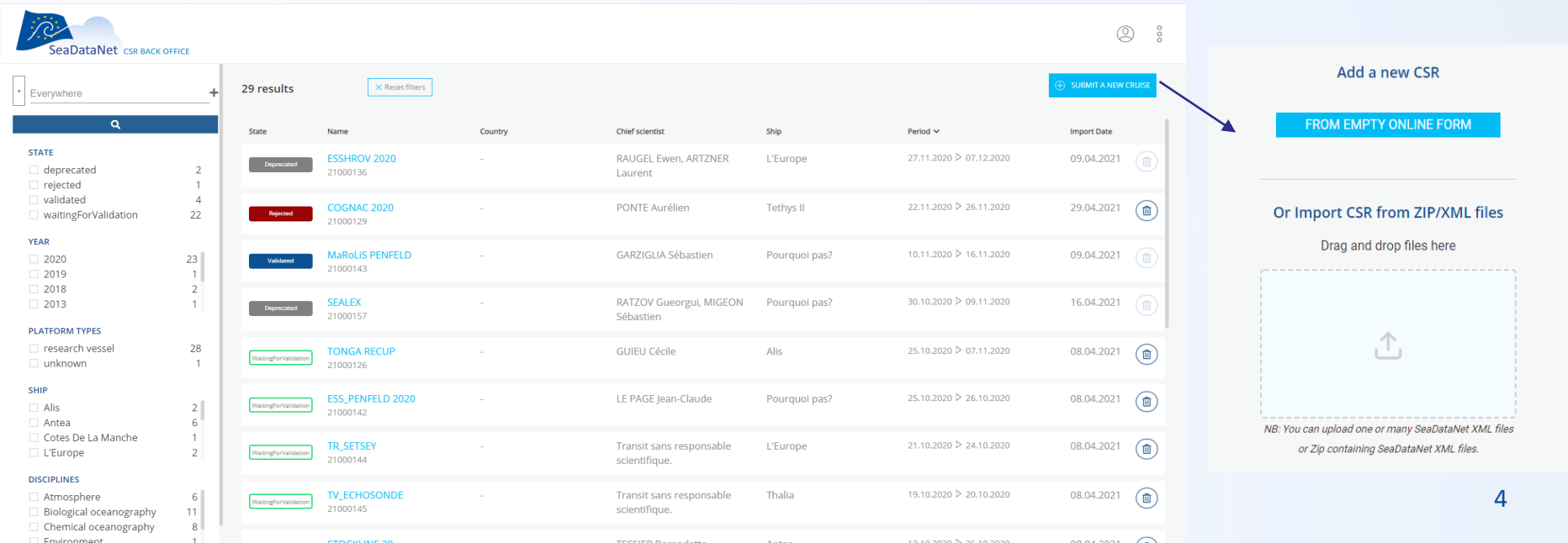


Administration interface for IFREMER

# CSR back-office

## Identification using Marine-id

- Once logged in, you will have access to your own CSR entries.
- Currently, a **CSR entry is associated with only one owner**. If in your organisation, several people manage the same CSR entries, we recommend you to create a generic marine-id account to manage them.



The screenshot displays the SeaDataNet CSR BACK OFFICE interface. The main area shows a list of 29 results with columns for State, Name, Country, Chief scientist, Ship, Period, and Import Date. The sidebar on the left contains filters for STATE, YEAR, PLATFORM TYPES, SHIP, and DISCIPLINES. A callout box on the right, titled "Add a new CSR", provides two options: "FROM EMPTY ONLINE FORM" and "Or Import CSR from ZIP/XML files". The latter option includes a dashed box for file upload and a note: "NB: You can upload one or many SeaDataNet XML files or Zip containing SeaDataNet XML files."

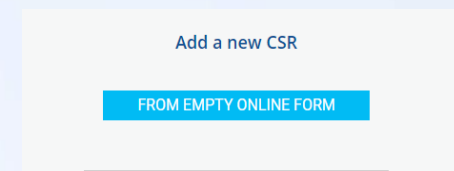
State	Name	Country	Chief scientist	Ship	Period	Import Date
Deprecated	ESSHROV 2020 21000136	-	RAUGEL Ewen, ARTZNER Laurent	L'Europe	27.11.2020 > 07.12.2020	09.04.2021
Rejected	COGNAC 2020 21000129	-	PONTE Aurélien	Tethys II	22.11.2020 > 26.11.2020	29.04.2021
Validated	MaRoLIS PENFELD 21000143	-	GARZIGLIA Sébastien	Pourquoi pas?	10.11.2020 > 16.11.2020	09.04.2021
Deprecated	SEALEX 21000157	-	RATZOV Gueorgui, MIGEON Sébastien	Pourquoi pas?	30.10.2020 > 09.11.2020	16.04.2021
Waiting for validation	TONGA RECUP 21000126	-	GUIEU Cécile	Alis	25.10.2020 > 07.11.2020	08.04.2021
Waiting for validation	ESS_PENFELD 2020 21000142	-	LE PAGE Jean-Claude	Pourquoi pas?	25.10.2020 > 26.10.2020	08.04.2021
Waiting for validation	TR_SETSEY 21000144	-	Transit sans responsable scientifique.	L'Europe	21.10.2020 > 24.10.2020	08.04.2021
Waiting for validation	TV_ECHOSONDE 21000145	-	Transit sans responsable scientifique.	Thalia	19.10.2020 > 20.10.2020	08.04.2021

# CSR back-office



## Submission using online forms

- Creation of a new CSR entry from empty forms
- Duplication of existing CSR entry



▲ Status	Name	Country	Chief scientist	Platform	Period	Revision Date
Validated	MOOSE (ANTARES) 2021 21024728	France	Didry Morgane, ...	Tethys II	15.04.2021 ▷ 03.12.2021	18.03.2022

- Edition of existing CSR entry (by the user who owns the CSR entry)
  - Creation of a new version for CSR entries which are already published on the CSR search interface (status “Validated”) → need to submit the update and to be validated by administrator. Once the update is validated, the new version replaces the published version.

▲ Status	Name	Country	Chief scientist	Platform	Period	Revision Date
Validated	MOOSE (ANTARES) 2021 21024728	France	Didry Morgane, ...	Tethys II	15.04.2021 ▷ 03.12.2021	18.03.2022

# CSR back-office



## Submission using online forms

- Identification of the cruise
- Responsible party of the cruise
- Objectives
- Projects
- Parameters and instruments
- Geographical areas
- Measurements
- Moorings
- Other information (data access restriction, documentation)



A vertical menu with a dark blue header 'IDENTIFICATION'. Below it are items: 'RESPONSIBLE', 'OBJECTIVES', 'OTHER INFORMATION', 'PROJECTS', 'PARAMETERS', 'AREAS', 'MEASUREMENTS', 'MOORINGS', and 'SUBMIT YOUR CRUISE'. Each item has a colored vertical bar to its left: green for 'IDENTIFICATION', 'RESPONSIBLE', 'OBJECTIVES', 'MEASUREMENTS'; orange for 'AREAS'; and grey for 'PROJECTS', 'PARAMETERS', 'MOORINGS', 'SUBMIT YOUR CRUISE'.

IDENTIFICATION
RESPONSIBLE
OBJECTIVES
OTHER INFORMATION
PROJECTS
PARAMETERS
AREAS
MEASUREMENTS
MOORINGS
SUBMIT YOUR CRUISE

Filled form

Missing mandatory information

Not mandatory form


# CSR back-office



Submission using online forms


– **Duplicates checks:** :

- **ERROR** : Same ship, same dates, same names

 A cruise with the same name, the same ship and the same begin and end dates has already been indexed : [FocusX2 \(state: validated\)](#)

- **WARNING**

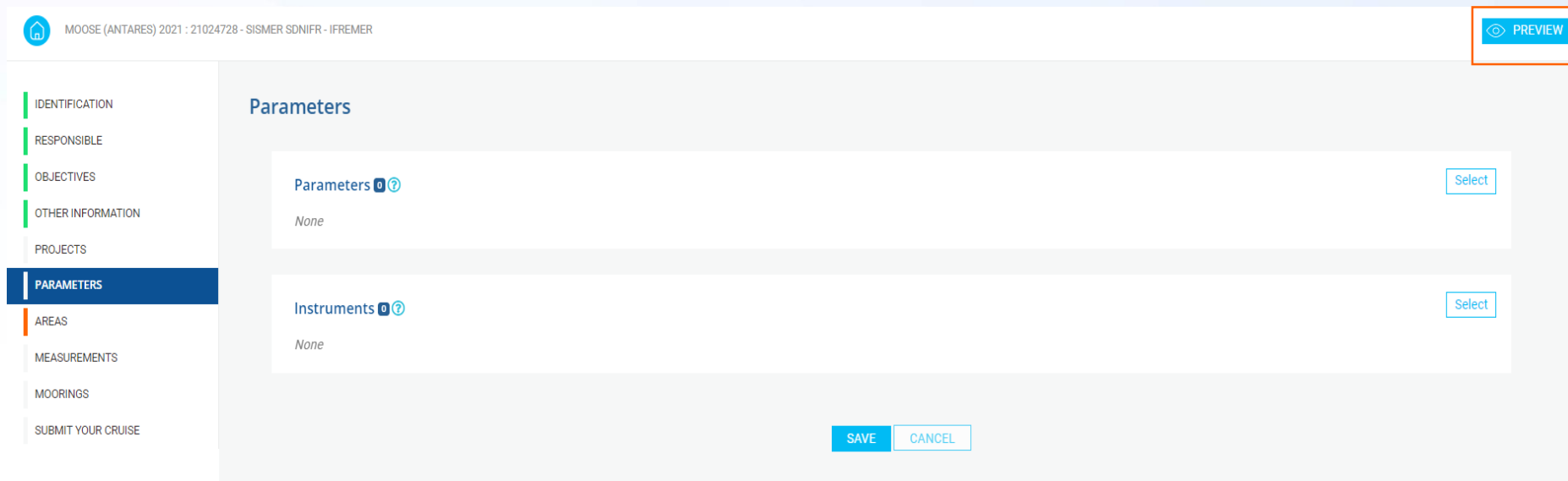
- Same ship, same dates, different names
- Same ship, overlapping dates

 Same ship, same dates but with a different cruise name than existing cruises : [FocusX2 \(state: validated\)](#)

# CSR back-office

## Submission using online forms

- Preview: At any time during the input, a preview of the CSR entry is possible by clicking on the “Preview” button.



The screenshot shows the SeaDataNet CSR back-office interface. At the top, a navigation bar displays the project name "MOOSE (ANTARES) 2021 : 21024728 - SISMER SDNIFR - IFREMER" and a "PREVIEW" button. A left sidebar contains a menu with options: IDENTIFICATION, RESPONSIBLE, OBJECTIVES, OTHER INFORMATION, PROJECTS, PARAMETERS (highlighted), AREAS, MEASUREMENTS, MOORINGS, and SUBMIT YOUR CRUISE. The main content area is titled "Parameters" and contains two sections: "Parameters" and "Instruments". Each section has a "Select" button and the text "None". At the bottom of the main area, there are "SAVE" and "CANCEL" buttons.



# CSR back-office

## Submission using online forms

### – Preview

> MOOSE (ANTARES) 2021 CSR REF-NO : 21024728

#### GENERAL INFORMATION

DOI	ID
<a href="https://doi.org/10.17600/18001650">https://doi.org/10.17600/18001650</a>	21024728
Cruise name	Platform/Ship
MOOSE (ANTARES) 2021	<a href="#">Tethys II</a>
Platform type	Cruise begin
research vessel	15.04.2021
Cruise end	Port of Departure
03.12.2021	La Seyne-sur-Mer, France
Port of Return	Local id
La Seyne-sur-Mer, France	18001650
Alternative id	
FI352021165000	

Chief Scientist(s)  
LEFEVRE Dominique - [Mediterranean Institute of Oceanography \(Marseille\)](#)  
Didry Morgane - [Flanders Marine Institute](#)  
Stéfane Gouzien - [Ifremer, Scientific Information Systems for the sea](#)

Responsible(s) Laboratory  
[Mediterranean Institute of Oceanography \(Marseille\)](#)

#### DESCRIPTION

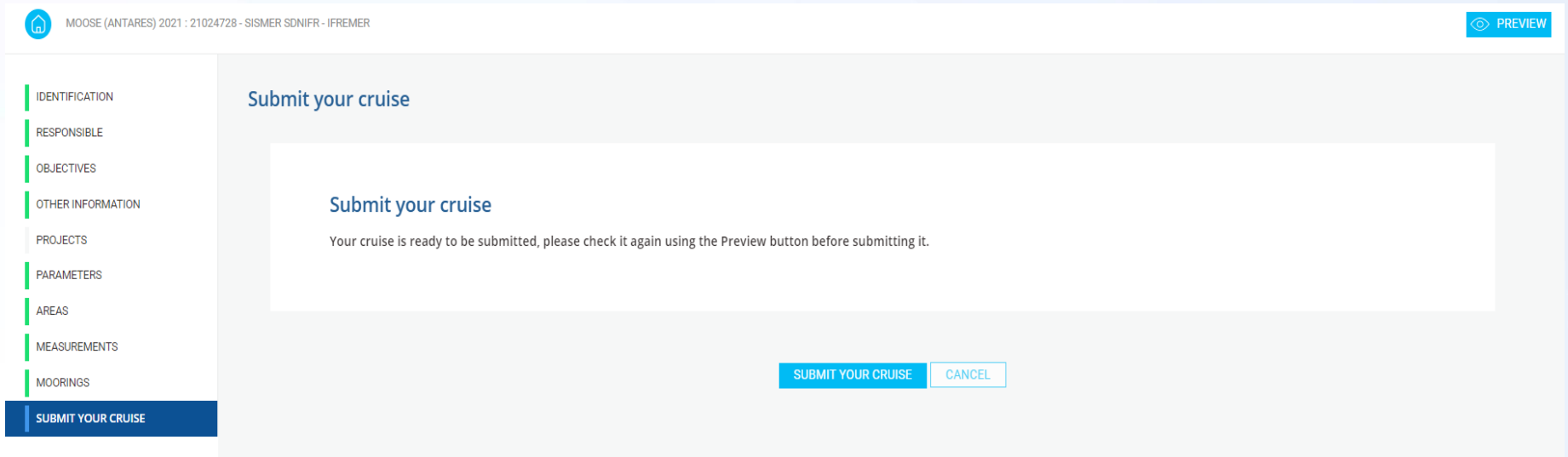
The [MOOSE Network](#) (*Mediterranean Ocean Observing System on Environment*) has been set up as an interactive, distributed and integrated observatory system of the NW Mediterranean Sea to detect and identify long-term environmental anomalies. Another target is to build efficient indicators of the health of the NW Mediterranean basin. **MOOSE** also provides a large flux of real-time data to facilitate validation of operational oceanographic models. It is based on a multisite system of continental-shelf and deep-sea fixed stations as well as Lagrangian platforms network to observe the spatio-temporal variability of processes interacting between the coastal-open ocean and the ocean-atmosphere components. It currently provides and maintains long-term time series, the only data sets to highlight climatic trends.



# CSR back-office

## Submission using online forms

- Once all the forms have been completed, the cruise can be submitted for validation by the administrator.



The screenshot shows the 'Submit your cruise' page in the SeaDataNet CSR back-office. The page has a white header with a home icon, the text 'MOOSE (ANTARES) 2021 : 21024728 - SISMER SDNIFR - IFREMER', and a 'PREVIEW' button. A left sidebar contains a menu with items: IDENTIFICATION, RESPONSIBLE, OBJECTIVES, OTHER INFORMATION, PROJECTS, PARAMETERS, AREAS, MEASUREMENTS, MOORINGS, and SUBMIT YOUR CRUISE (highlighted in blue). The main content area has a title 'Submit your cruise' and a white box containing the text 'Submit your cruise' and 'Your cruise is ready to be submitted, please check it again using the Preview button before submitting it.' At the bottom right of the main area are two buttons: 'SUBMIT YOUR CRUISE' (blue) and 'CANCEL' (white with blue border).

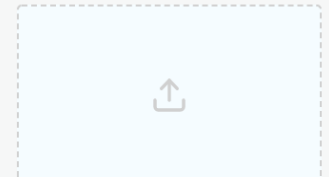
# CSR back-office

## Submission of XML files

- SeaDataNet CSR ISO19139 (MIKADO software)
  - <https://www.seadatanet.org/Standards/Metadata-formats/CSR>
  - <https://www.seadatanet.org/Software/MIKADO>
- XML validation
- Update detection (same user, same collate centre, same CSR local id)




Or Import CSR from ZIP/XML files

Drag and drop files here





NB: You can upload one or many SeaDataNet XML files or Zip containing SeaDataNet XML files.



Loading in progress (1 file)

	<b>CREATE</b>	
18001254.xml		
<hr/>		
XML invalid (2 errors) 		



  

	<b>CREATE</b>	
18002279.xml		
<hr/>		
XML valid		

Loading in progress (2 files)

	<b>UPDATE</b>	
15001200.xml		
<hr/>		
XML valid		

	<b>CREATE</b>	
18002280.xml		
<hr/>		
XML valid		


# CSR back-office




## Submission of CSR XML files


- Duplicate checks
  - ERROR: Same ship, same dates, same names
  - WARNING
    - Same ship, same dates, different names
    - Same ship, overlapping dates

Loading in progress (1 file)





**CREATE** 15001200.xml 

---


A cruise with the same name, the same ship and the same begin and end dates has already been indexed : CASSIOPEE (status: validated) 

Loading in progress (1 file)



**CREATE** 18001254\_vt.xml 

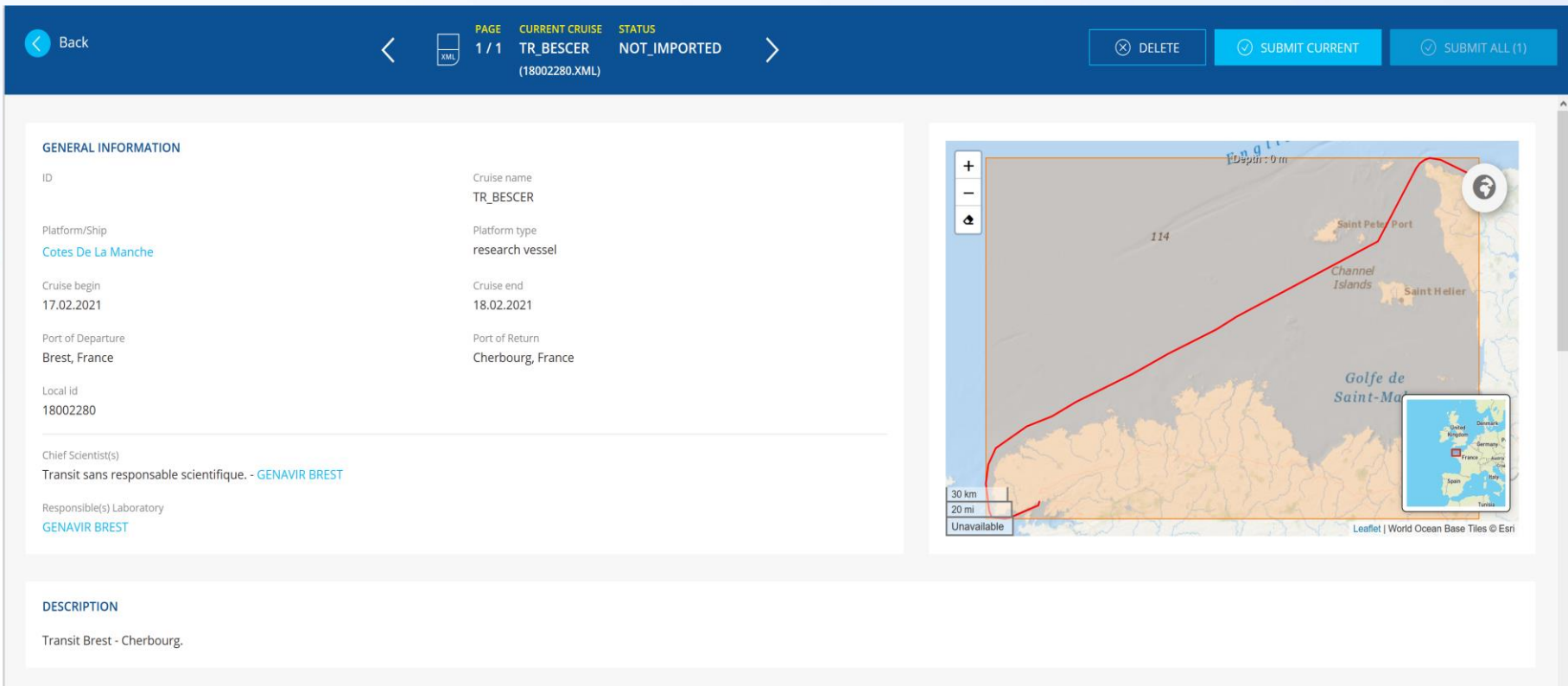
---

Same ship, same dates but with a different cruise name than existing cruises : SWINGS (status: validated) 

# CSR back-office

## Submission of CSR XML files

- Preview and submission for validation by the administrator.



The screenshot displays the SeaDataNet CSR back-office interface. At the top, there is a navigation bar with a 'Back' button, a 'PAGE 1 / 1' indicator, and a 'CURRENT CRUISE' section showing 'TR\_BESCEC (18002280.XML)' with a status of 'NOT\_IMPORTED'. Action buttons for 'DELETE', 'SUBMIT CURRENT', and 'SUBMIT ALL (1)' are visible on the right.

The main content area is divided into two sections: 'GENERAL INFORMATION' and 'DESCRIPTION'.

**GENERAL INFORMATION**

Field	Value
ID	Cruise name TR_BESCEC
Platform/Ship	Platform type research vessel
Cruise begin	Cruise end 18.02.2021
Port of Departure	Port of Return Cherbourg, France
Local id	18002280
Chief Scientist(s)	Transit sans responsable scientifique. - GENAVIR BREST
Responsible(s) Laboratory	GENAVIR BREST

**DESCRIPTION**

Transit BREST - Cherbourg.

On the right side of the interface, there is a map showing the cruise route in red. The map covers the area around the Channel Islands and the Gulf of Saint-Malo. Key locations labeled include 'Saint Peter Port', 'Channel Islands', and 'Saint Helier'. The map includes a scale bar (30 km, 20 mi, Unavailable) and a 'Leaflet | World Ocean Base Tiles © Esri' attribution.

## CSR back-office



### Follow-up of your submissions

- No notification by email when submitting CSR entries
- At any time, you can check the status of your CSR entries and check which CSR entries have been submitted are still waiting for validation by the administrator :
  - status = Waiting for validation for a new CSR entry,
  - status = Waiting for Validation after an update for an updated CSR.
- Notification by email when your submission is validated or needs to be updated.

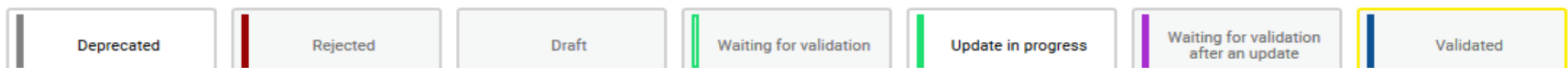
# CSR back-office



## Follow-up of your submissions

- **Draft:** new CSR entry in progress, created using the CSR online forms, not yet submitted
- **Waiting for validation:** new CSR entry submitted and waiting for validation by the administrator (IFREMER)
- **Update in progress:** update in progress of an existing CSR entry using the CSR online forms, not yet submitted
- **Validated:** CSR entry has been validated by the administrator and appears on the CSR search interface
- **Waiting for validation after an update:** an existing CSR entry has been updated and the update is waiting for validation by the administrator
- **Rejected:** the submitted entry (new or update) has been rejected by the administrator
- **Deprecated:** the CSR entry has already been online on the CSR search interface and has been deprecated instead of deleted.

### Status



## CSR back-office

- User manual available on the SeaDataNet website:

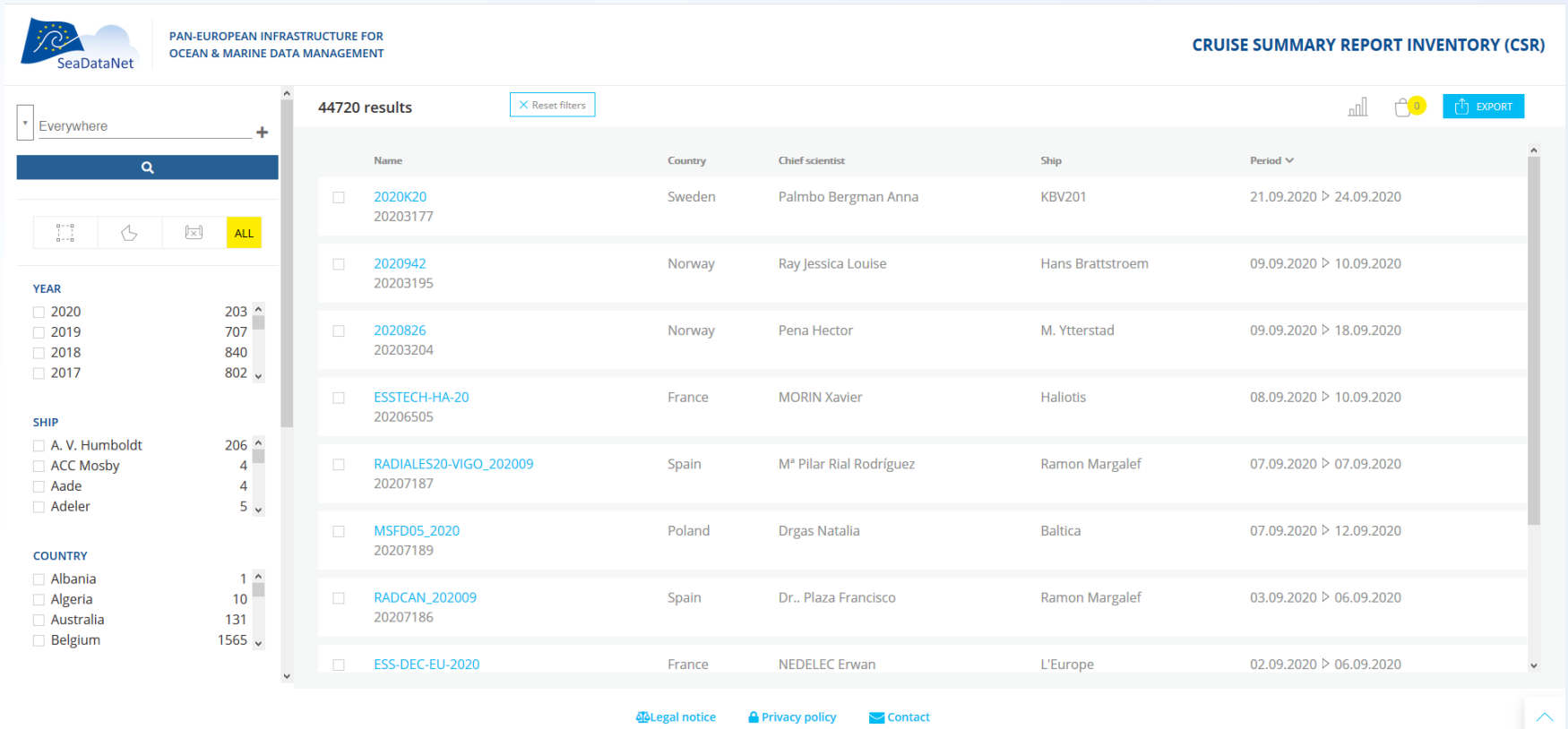
[https://www.seadatanet.org/content/download/7287/file/sdn\\_csr\\_backoffice\\_usermanual\\_V2.1.pdf](https://www.seadatanet.org/content/download/7287/file/sdn_csr_backoffice_usermanual_V2.1.pdf)



# CSR search interface

<https://csr.seadatanet.org>

Main fonctionnalities: Search facets, Filters, Geographical selection on map, Shopping basket and export



The screenshot displays the SeaDataNet CSR search interface. The header includes the SeaDataNet logo, the text "PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT", and the title "CRUISE SUMMARY REPORT INVENTORY (CSR)".

The search results section shows 44720 results. A search bar at the top left contains "Everywhere". Below the search bar are filters for YEAR, SHIP, and COUNTRY. The results table lists various cruises with columns for Name, Country, Chief scientist, Ship, and Period.

Name	Country	Chief scientist	Ship	Period
<input type="checkbox"/> <a href="#">2020K20</a> 20203177	Sweden	Palmo Bergman Anna	KBV201	21.09.2020 > 24.09.2020
<input type="checkbox"/> <a href="#">2020942</a> 20203195	Norway	Ray Jessica Louise	Hans Brattstroem	09.09.2020 > 10.09.2020
<input type="checkbox"/> <a href="#">2020826</a> 20203204	Norway	Pena Hector	M. Ytterstad	09.09.2020 > 18.09.2020
<input type="checkbox"/> <a href="#">ESSTECH-HA-20</a> 20206505	France	MORIN Xavier	Hallotis	08.09.2020 > 10.09.2020
<input type="checkbox"/> <a href="#">RADIALES20-VIGO_202009</a> 20207187	Spain	Mª Pilar Rial Rodríguez	Ramon Margalef	07.09.2020 > 07.09.2020
<input type="checkbox"/> <a href="#">MSFD05_2020</a> 20207189	Poland	Drgas Natalia	Baltica	07.09.2020 > 12.09.2020
<input type="checkbox"/> <a href="#">RADCAN_202009</a> 20207186	Spain	Dr.. Plaza Francisco	Ramon Margalef	03.09.2020 > 06.09.2020
<input type="checkbox"/> <a href="#">ESS-DEC-EU-2020</a>	France	NEDELEC Erwan	L'Europe	02.09.2020 > 06.09.2020

At the bottom of the page, there are links for [Legal notice](#), [Privacy policy](#), and [Contact](#).

# CSR search interface

Filters: Everywhere, Chief scientist, Collate centre (name or code), Country (collate-center), Platform (name or code), **Country (platform)**, Cruise name (free text), Data types (C77), Disciplines, Local ID, CSR Reference, Responsible party, Year, **Project (name, acronym or EDMERP code)**

Select new search by ...
66056 results
[Reset filters](#)
📊
🛒 1
[EXPORT](#)

Name	Country (Collate centre)	Chief scientist	Platform	Period
<input type="checkbox"/> <a href="#">TP GIRONDE 2020</a> 21024848	France	LUBAC Bertrand	Cotes De La Manche (35C4)	26.10.2023 ▶ 05.11.2023
<input type="checkbox"/> <a href="#">2023K10</a> 21029198	Sweden	Martina Jeuthe	Arctica (77NA)	21.03.2023 ▶ 21.03.2023
<input type="checkbox"/> <a href="#">MSFD02_2023</a> 21029427	Poland	Ms. Natalia Drgas	Baltica (67BC)	20.03.2023 ▶ 25.03.2023
<input type="checkbox"/> <a href="#">2023006007</a> 21029379	Norway	Merete Vik Ottesen	Kristine Bonnevie (58UO)	18.03.2023 ▶ 28.03.2023
<input type="checkbox"/> <a href="#">2023K09</a> 21029189	Sweden	Mikael Peedu	Unknown (ZZ99)	16.03.2023 ▶ 16.03.2023
<input type="checkbox"/> <a href="#">ANTARLOG_20230316</a> 21029356	Spain	Transit without chief scientist	Hesperides (29HE)	16.03.2023 ▶ 21.03.2023
<input type="checkbox"/> <a href="#">2023K08</a> 21029185	Sweden	Marléne Johansson	Arctica (77NA)	14.03.2023 ▶ 14.03.2023

**Filter Selection:**

- Everywhere
- Associated EDMO
- Chief scientist
- Collate centre
- Country (Collate centre)

**COUNTRY (PLATFORM)**

- Algeria 10
- Antigua and Barbuda 15
- Argentina 4
- Australia 532

**PLATFORM**

- 1500 Let Kiyevu (90TU) 1
- 30-Dec (73DE) 1
- 60 Let Vlksm (905P) 1
- A. T. Cameron (18AT) 8

**PLATFORM TYPES**

- aeroplane 3

# CSR search interface

Facets: Year, Country (platform), Platform, Platform type, Country (collate centre), Collate center, Discipline, Data Type

Select new search by ...

🔍
🏠
🗑️
ALL

**66056 results** ✕ Reset filters

Name	Country (Collate centre)	Chief scientist	Platform	Period
<input type="checkbox"/> <a href="#">TP GIRONDE 2020</a> 21024848	France	LUBAC Bertrand	Cotes De La Manche (35C4)	26.10.2023 ▶ 05.11.2023
<input type="checkbox"/> <a href="#">2023K10</a> 21029198	Sweden	Martina Jeuthe	Arctica (77NA)	21.03.2023 ▶ 21.03.2023
<input type="checkbox"/> <a href="#">MSFD02_2023</a> 21029427	Poland	Ms. Natalia Drgas	Baltica (67BC)	20.03.2023 ▶ 25.03.2023
<input type="checkbox"/> <a href="#">2023006007</a> 21029379	Norway	Merete Vik Ottesen	Kristine Bonnevie (58UO)	18.03.2023 ▶ 28.03.2023
<input type="checkbox"/> <a href="#">2023K09</a> 21029189	Sweden	Mikael Peedu	Unknown (ZZ99)	16.03.2023 ▶ 16.03.2023
<input type="checkbox"/> <a href="#">ANTARLOG_20230316</a> 21029356	Spain	Transit without chief scientist	Hesperides (29HE)	16.03.2023 ▶ 21.03.2023
<input type="checkbox"/> <a href="#">2023K08</a> 21029185	Sweden	Marléne Johansson	Arctica (77NA)	14.03.2023 ▶ 14.03.2023

📊
1
EXPORT

**YEAR**

2023 68 ▲

2022 693 ▲

2021 732 ▲

2020 655 ▼

**COUNTRY (PLATFORM)**

Algeria 10 ▲

Antigua and Barbuda 15 ▲

Argentina 4 ▲

Australia 532 ▼

**PLATFORM**

1500 Let Kiyevu (90TU) 1 ▲

30-Dec (73DE) 1 ▲

60 Let Vlksm (905P) 1 ▲



A. T. Cameron (18AT) 8 ▼

**PLATFORM TYPES**

aeroplane 3 ▲

# CSR search interface

- Cruise DOI

 > **ABRIC-4** CSR REF-NO : 21029370 [Download XML](#) 

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**GENERAL INFORMATION**

DOI <a href="https://doi.org/10.20351/29gd20230310">https://doi.org/10.20351/29gd20230310</a>	Platform/Ship <b>Garcia Del Cid</b>
Cruise begin <b>09.03.2023</b>	Cruise end <b>17.03.2023</b>
Port of Departure <b>Barcelona, Spain</b>	Port of Return <b>Barcelona, Spain</b>

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Chief Scientist(s)  
**Puig Alenyà, Pere - CSIC, Institute of Marine Sciences**

Responsible(s) Laboratory  
**CSIC, Institute of Marine Sciences  
CSIC, Marine Technology Unit**

## DESCRIPTION

Assessment of Bottom-trawling Resuspension Impacts in deep benthic Communities (ABRIC)

## LOCATION

General Ocean Areas  
Mediterranean Sea, Western Basin

[Link to Charts](#)



Marsden Squares (S, N, E, W)

-

Bounding Box(es)

West	East	South	North
2.208832	3.716268	41.343832	42.380567

## ADDITIONAL INFORMATION

Parameters measured

- Air pressure
- Air temperature
- Atmospheric humidity
- Bathymetry and Elevation
- Density of the water column

[Linkage / Report / Station list](#)


Instruments used

- CTD
- NAVSTAR Global Positioning System receivers
- cameras
- meteorological packages
- multi-beam echosounders

Project

-





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 Back to search

 ABRIC-4

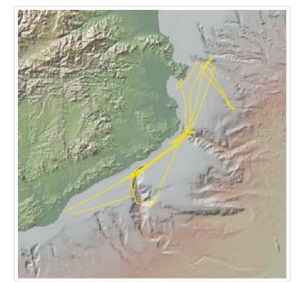
Assessment of Bottom-trawling Resuspension Impacts in deep benthic Communities (ABRIC). The objective of the cruise is the acquisition of high-frequency bathymetry resolution of fishing grounds areas through the use of an autonomous vehicle remotely operated (AUV).

### Download and links

-  **CRUISE MAP** <http://data.utm.csic.es/set/gdc/20230310/map>
-  **DOCUMENTATION** <http://data.utm.csic.es/set/gdc/20230310/doc>
-  **DOI CITATION:** 10.20351/29GD20230310  
<http://data.utm.csic.es/set/gdc/20230310/cite>
-  **OPEN DATA** <http://data.utm.csic.es/set/gdc/20230310/open>

 Download   
  Display mode

 Overview




No ratings ★


 See all feedbacks   
  Add your review



# CSR search interface

- Access data in CDI

 > **RHOSOS**    CSR REF-NO : 20087112    [Download XML](#)    CDI

    [+ ADD TO BASKET](#)    [EXPORT](#)

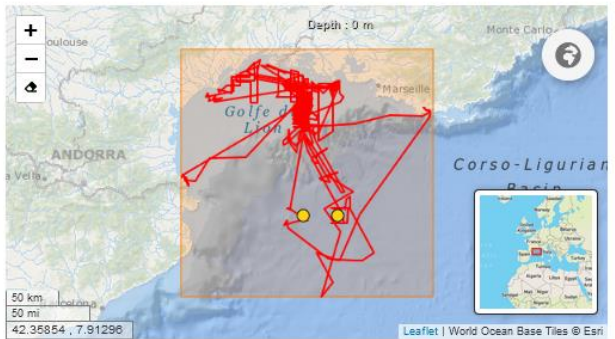
### GENERAL INFORMATION

DOI <a href="https://doi.org/10.17600/8020040">https://doi.org/10.17600/8020040</a>	Platform/Ship <a href="#">Le Suroit</a>
Cruise begin 27.08.2008	Cruise end 21.09.2008
Port of Departure La Seyne-sur-Mer, France	Port of Return La Seyne-sur-Mer, France

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Chief Scientist(s)  
[BERNE Serge - University of Perpignan, Institut Of Modelisation and Analysis In Marine Geo-Environment](#)  
[DENNIELOU Bernard - Geo-Ocean - UMR 6538](#)

Responsible(s) Laboratory  
[University of Perpignan, Institut Of Modelisation and Analysis In Marine Geo-Environment](#)  
[Ifremer, Marine Geosciences](#)



### DESCRIPTION


Sedimentary recordings from borehole source on Rhone river margin. The related projects are ANR Sesame and Extrema, Ifremer "Gulf of Lion" project and Actions Marges.

### LOCATION

General Ocean Areas  
Mediterranean Sea, Western Basin

Specific Geographic Areas  
Golfe du Lion

Link to Charts



Marsden Squares (S, N, E, W)

-

Bounding Box(es)

West	East	South	North
3.1	6	41.5	43.6

### ADDITIONAL INFORMATION

Parameters measured  
-

Instruments used  
current meters  
current profilers  
multi-beam echosounders  
sediment traps  
sidescan sonars

Project  
[Actions Marges - The French margins project](#)

Linkage / Report / Station list  
<https://doi.org/10.17600/8020040>




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# CSR search interface

- No data in CDI

 > **MANTA-RAY 2** CSR REF-NO : 21029383 [Download XML](#)   [ADD TO BASKET](#) [EXPORT](#)

## GENERAL INFORMATION

ID	Platform/Ship
21029383	<a href="#">Pourquoi pas?</a>
Cruise begin	Cruise end
10.02.2023	19.02.2023
Port of Departure	Port of Return
Pointe-à-Pitre, Guadeloupe	Pointe-à-Pitre, Guadeloupe

### Chief Scientist(s)

[KLINGELHOEFER Frauke - Geo-Ocean - UMR 6538](#)  
[MARCAILLOU Boris - GEOAZUR Laboratory](#)

### Responsible(s) Laboratory

[GEOAZUR Laboratory](#)  
[Geo-Ocean - UMR 6538](#)



## DESCRIPTION

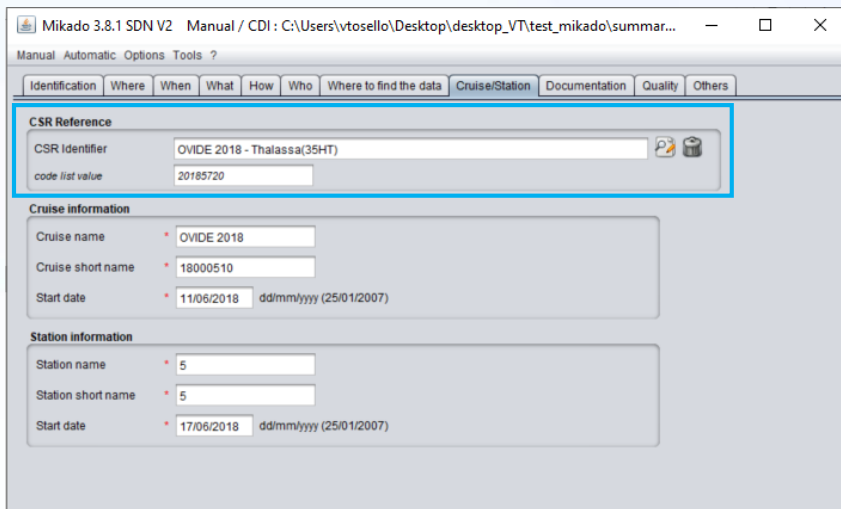
The Lesser Antilles subduction zone is one of very few regions where old oceanic crust formed at low spreading rates is being subducted. Crust accreted at low spreading differs from crust formed at higher rates mainly in its higher content of material originating from the upper mantle, which is mostly hydrated to form serpentinites when arriving at the subduction zone. The water stored in these serpentinites is released once the slab arrives at a depth of 30-60 km and eventually reaches the seafloor where it forms fluid escape features, such as mud-volcanoes and pockmarks. During the previous [Antithesis](#) cruises (2013-2016), reflection seismic profiles imaged high amplitude seismic reflections reaching from the top of the downgoing crust and roughly 15 km down into the mantle along a 200-300 km wide region. We propose, that they originate from low-angle detachments related to exhumation of mantle material at the slow spreading Atlantic mid-ocean spreading center.

Cruise Manta-ray aims at studying the influence of this ultramafic oceanic basement onto the tectonic deformation, fluid circulation and seismogenesis, while subducting, during two legs. The first leg consists of a 3D wide-angle and reflection seismic survey in the region where the deep reflectors were imaged in order to characterise the nature of the downgoing basement and quantify its fluid content. During the shorter second Leg a comparison of fluid escape features of two zones, one located above the deep reflectors and one in a region void of them and will allow us to study geochemical differences of fluids returning from dehydration from the subducting crust. The main objectives of the Manta-ray cruise are to constrain the nature and tectonic origin of the deep reflectors, to characterise the influence this anomalous crust has on the seismicity and tectonics of the region and to quantify the impact of the subduction originating from slow spreading on global water cycles.

The Manta-Ray 2 cruise is a reprogramming of shiptime lost due to technical and sanitary problems during the [Manta-Ray](#) cruise.

# CSR search interface

- Include CSR reference in your CDIs in MIKADO



Mikado 3.8.1 SDN V2 Manual / CDI: C:\Users\vtosello\Desktop\desktop\_VT\test\_mikado\summar...

Manual Automatic Options Tools ?

Identification Where When What How Who Where to find the data Cruise/Station Documentation Quality Others

**CSR Reference**

CSR Identifier: OVIDE 2018 - Thalassa(35HT)

code list value: 20185720

**Cruise information**

Cruise name: OVIDE 2018

Cruise short name: 18000510

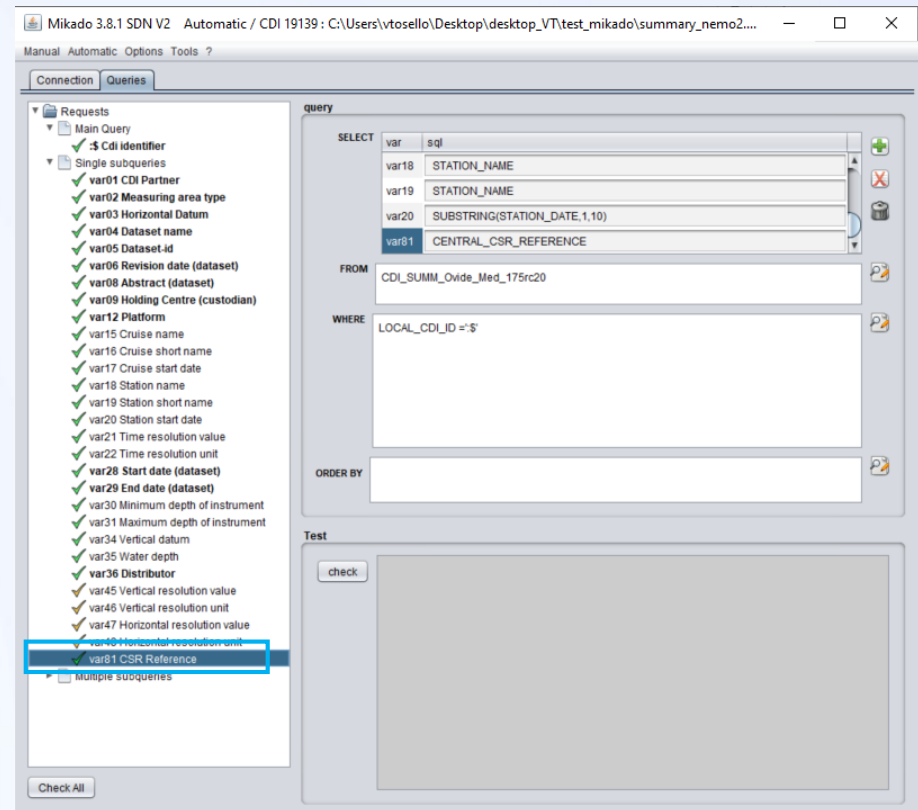
Start date: 11/06/2018 dd/mm/yyyy (25/01/2007)

**Station information**

Station name: 5

Station short name: 5

Start date: 17/06/2018 dd/mm/yyyy (25/01/2007)



Mikado 3.8.1 SDN V2 Automatic / CDI 19139: C:\Users\vtosello\Desktop\desktop\_VT\test\_mikado\summary\_nemo2....

Manual Automatic Options Tools ?

Connection Queries

**Requests**

- Main Query
  - ✓ \$ CDI identifier
  - Single subqueries
    - ✓ var01 CDI Partner
    - ✓ var02 Measuring area type
    - ✓ var03 Horizontal Datum
    - ✓ var04 Dataset name
    - ✓ var05 Dataset id
    - ✓ var06 Revision date (dataset)
    - ✓ var08 Abstract (dataset)
    - ✓ var09 Holding Centre (custodian)
    - ✓ var12 Platform
    - ✓ var15 Cruise name
    - ✓ var16 Cruise short name
    - ✓ var17 Cruise start date
    - ✓ var18 Station name
    - ✓ var19 Station short name
    - ✓ var20 Station start date
    - ✓ var21 Time resolution value
    - ✓ var22 Time resolution unit
    - ✓ var28 Start date (dataset)
    - ✓ var29 End date (dataset)
    - ✓ var30 Minimum depth of instrument
    - ✓ var31 Maximum depth of instrument
    - ✓ var34 Vertical datum
    - ✓ var35 Water depth
    - ✓ var36 Distributor
    - ✓ var45 Vertical resolution value
    - ✓ var46 Vertical resolution unit
    - ✓ var47 Horizontal resolution value
    - ✓ var48 Horizontal resolution unit
    - ✓ var81 CSR Reference
- Multiple subqueries

**query**

SELECT

var	sql
var18	STATION_NAME
var19	STATION_NAME
var20	SUBSTRING(STATION_DATE,1,10)
var61	CENTRAL_CSR_REFERENCE

FROM

CDI\_SUMM\_Ovide\_Med\_175rc20

WHERE

LOCAL\_CDI\_ID = '\$'

ORDER BY

**Test**

check

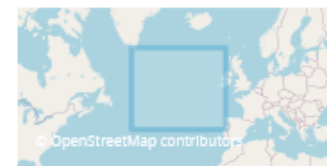
Check All

# Link to CSR in EMODnet ingestion

## GO-SHIP A25 - OVIDE 2018 Cruise data

Period: 2018-06-11 - 2018-07-14

Observation type: Carbonate system, Dissolved gases, Isotopes, Nutrients, Water column temperature and salinity



OVIDE 2018

CSR REF-NO : 20185720 Download XML



ADD TO BASKET

EXPORT

### GENERAL INFORMATION

DOI

<https://doi.org/10.17600/18000510>

Cruise begin

11.06.2018

Port of Departure

Brest, France

Platform/Ship

Thalassa

Cruise end

15.07.2018

Port of Return

Brest, France

Chief Scientist(s)

LHERMINIER Pascale - Laboratory for Ocean Physics and Satellite remote

Responsibility Laboratory

Laboratory for Ocean Physics and Satellite remote



### DESCRIPTION

The North Atlantic Ocean is a major driver of the European climate at seasonal to multi-decadal timescales. It also contributes to damp the impact of human activity on climate by storing part of the anthropogenic CO<sub>2</sub> and heat excess related to the strengthening of the greenhouse effect. In this project, we focus on the subpolar North Atlantic for which the interannual to decadal variability is much more important than the climatic trends associated to the anthropogenic perturbations. After a relatively warm and salty decade in the 2000s, the subpolar North Atlantic shifted to a cold and fresh state in 2012 that presents some similarities with that observed at the beginning of the 1990s, but in a context of warming in all the other oceans of the planet. This change is also characterized up to now by a deeper convection and an increase in the amplitude of the Meridional Overturning Circulation (MOC). In this context, the project aims to quantify the variability of the horizontal circulation, the MOC, the heat budget, the carbon budget and the water mass properties by repeating the OVIDE-A25 section in June-July 2018, from Portugal to Greenland. The section is composed of 98 stations that combine hydrographic, biogeochemical and current measurements down to the bottom.





Questions?  
Feedback?

Do not hesitate to contact us at [sdn-userdesk@seadatanet.org](mailto:sdn-userdesk@seadatanet.org)