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# UK data workflow: from source to SeaDataNet

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British Oceanographic Data Centre (BODC)

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# UK Cruise Database

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- BODC involvement with cruise planning
- Requirement to submit CSR within one week of cruise finishing (cruise report after six months)
- Population of BODC CSR database.





# Engaging with scientists...

**UK LABORATORIES**

**PML** | PLYMOUTH MARINE LABORATORY

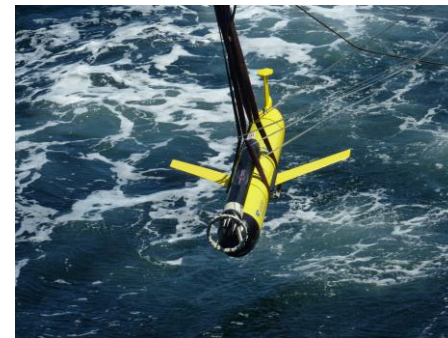
**CEFAS**  
The Centre for Environment, Fisheries & Aquaculture Science

**SMRU** | Sea Mammal Research Unit

**National Oceanography Centre**  
NATURAL ENVIRONMENT RESEARCH COUNCIL

**British Antarctic Survey**  
NATURAL ENVIRONMENT RESEARCH COUNCIL

**THE SCOTTISH ASSOCIATION for MARINE SCIENCE**



**PROJECTS**

**Rapid Climate Change**

**SHELF SEA BIOGEOCHEMISTRY**  
www.uk-ssb.org

**FASTNet**

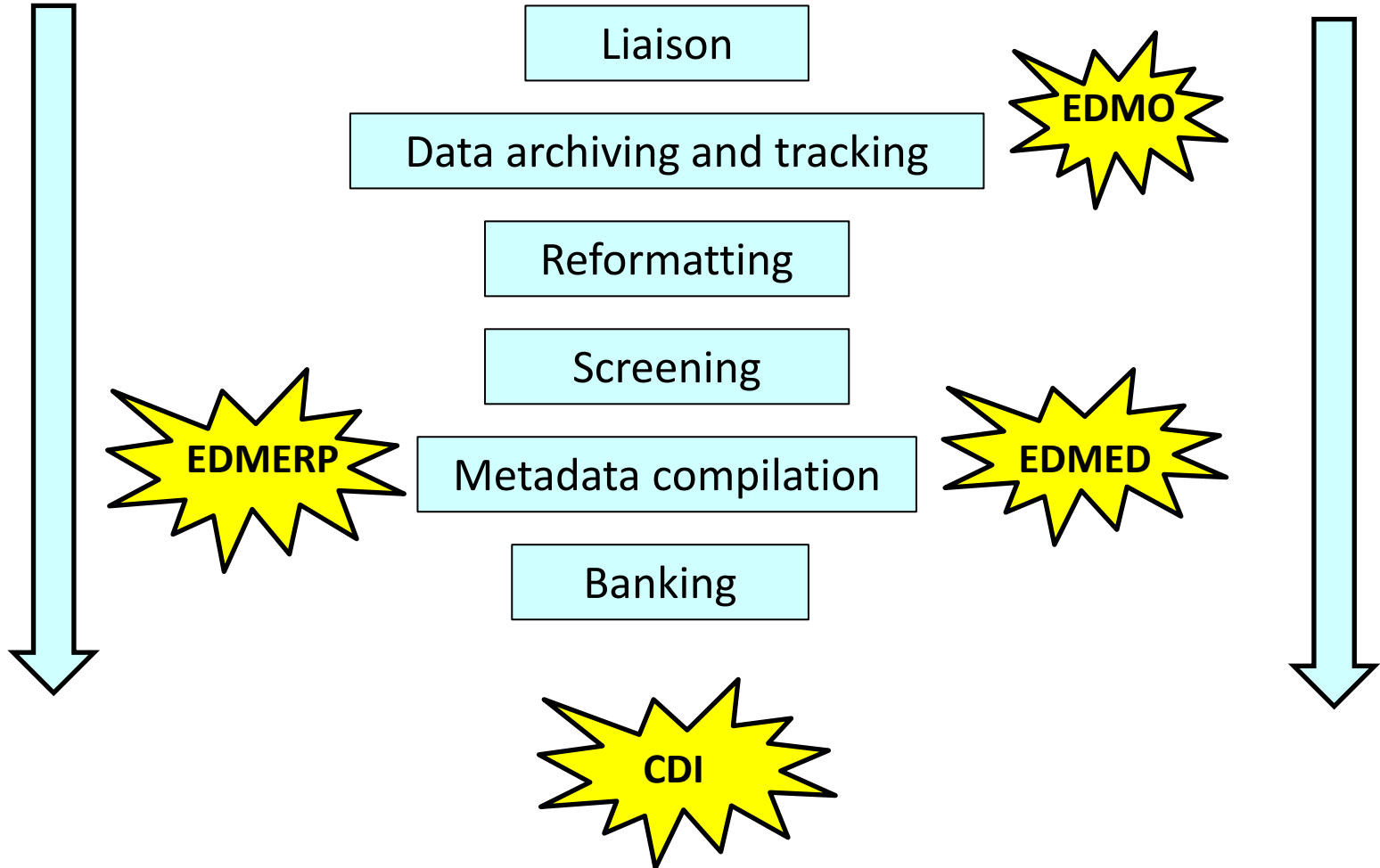
**ARGO**



**NERC**  
SCIENCE OF THE ENVIRONMENT



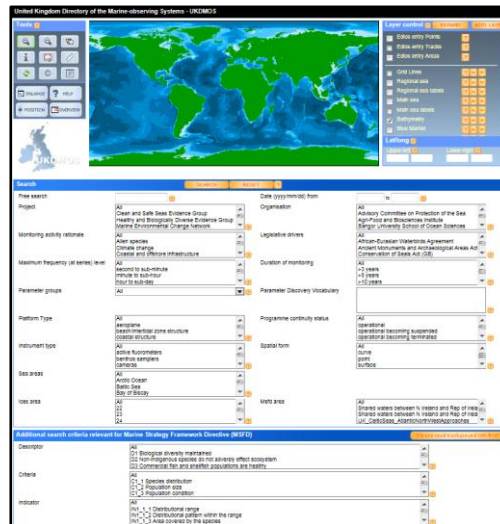
# End to End Data Set Management





# UK marine observing initiatives

- United Kingdom Directory of the Marine Observing Systems (UKDMOS)
- Driven by UK Marine Monitoring & Assessment Strategy
- Evidence groups within framework instructed to update their entries annually => policy.





# Accessing UK data

**British Oceanographic Data Centre**  
NATURAL ENVIRONMENT RESEARCH COUNCIL

Home Contact us Glossary Site map Site styles search BODC My account Register Log in

About us Data Projects Partners Products Help and hints

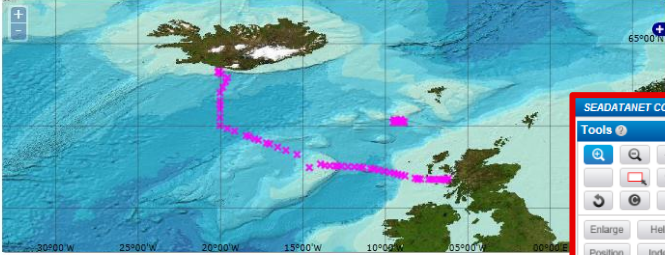
## National Oceanographic Database (NODB) data series

### Search

This interface allows access to all data series held in the National Oceanographic Database (NODB). Please use the search tab filters together with the interactive map ([view map help](#)) and the paginated table of results to find data sets of interest.

Choose a file format, select your data and add the data to your basket. Repeat the process on each page of results as required.

View your basket and proceed to the checkout to initiate your request. Automated access control procedures and delivery file preparation will begin following a successful 'checkout'.



Define your search box coordinates - input order is most westerly, southerly, easterly, northerly

Coordinates should be decimal degrees (maximum - 5 decimal places) where West and South are entered as negatives and East and North as positives. For example 20 W, 5 S, 10 W, 2 N = -20.0,-5.0,-10.0,2.0

Working together to improve access and stewardship of marine data

**MEDIN**  
marine environmental data & information network

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Search the MEDIN Data Archive Centres

Welcome to the MEDIN portal. [View the introduction.](#)

Search form

Free text search   [Leave blank to match everything. \(help\)](#)

[Advanced search](#)

Date range

Geographic search

Countries   [Clear area](#)

Select a country...

Create a new box by dragging the mouse whilst holding down the CTRL key. Click the box to finish editing and then click the search button. Click on an existing box to resize or drag it. Click the box to finish editing and then click the search button. [\(help\)](#)

Shortcut search

Click to search:

- The United Kingdom
- England
- Scotland
- Wales
- Northern Ireland

Add your own record [\(help\)](#)

A full range of the portal is available for mobile and other limited browsers.

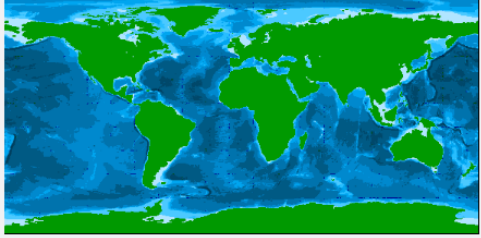
**SEADATANET COMMON DATA INDEX (CDI) V2**

Tools

Enlarge Help Position Index

Datasets 0

Basket Reset



Layer control

- CDI entry Points
- CDI entry Tracks
- CDI entry Areas
- Grid Lines
- Regional sea
- Regional sea labels
- Main sea
- Main sea labels
- Bathymetry
- Blue Marble

Lat/long

Upper-left Lower-right

Search

Free search

Disciplines - Parameter groups

- All
- Administration and dimensions
- Administration and dimensions
- Atmosphere
- Atmospheric chemistry

Discovery parameters

- All
- Acoustic backscatter in the water column
- Acoustic noise in the water column
- Active seismic refraction
- Air pressure

Cruise/Station name

Instrument type

- All
- >2000 Hz top-bandwidth single-channel seismic
- >2000 Hz top-bandwidth sub-bottom penetrator
- 1000 Hz top-bandwidth multi-channel seismic

Projectname

Instrument depth (m) from  to

Platform type

- All
- airplane
- autonomous surface water vehicle
- beach/intertidal zone structure

Sea regions

- All
- World
- > Arctic Ocean
- > Baffin Bay

Measuring area type

- All

Waterdepth (m) from  to

Originator

- All

Temporal resolution

- All

CDI partner

Date (yyyyymmdd) from  to

Country

Duration  to  Unit: Hours

Access restriction

- All
- academic
- by negotiation
- commercial charge

**NERC**  
SCIENCE OF THE ENVIRONMENT

**Data Catalogue Service**  
sharing NERC data

Home About the DCS Search for data Your comments About NERC science Contact us Privacy and security

About the DCS

Search for data

Results

Please use one or more of the options below to search the catalogue. Alternatively, try our advanced text search.

Free text

Please enter your search terms below or leave blank to match everything (help)

Only return records with an online resource

Date range

Match data overlapping the period (help)

From  To

Dates should be in the format YYYY-MM-DD or YYYY


Geographic search

The map display lets you draw a box to define an area of interest and only returns records that intersect the box. We also offer predefined areas below (help)

Countries

- United Kingdom

Bookmark with:





# Questions?

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