



**SeaDataNet**

*PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT*

***WP5 – Progress on CDI Data Discovery and  
Access Service***

Dick Schaap (MARIS) – Plenary Meeting – Lucca – Italy – 26 September 2013

## Upgrading for INSPIRE compliance

- XML coding upgraded to ISO19139
- This involved upgrading of CDI Schema, MIKADO, CDI database, import & retrieval processes => will be explained in detail tomorrow
- Also included upgrading of the User Interface; will be activated in ca 2 weeks from now



SeaDataNet

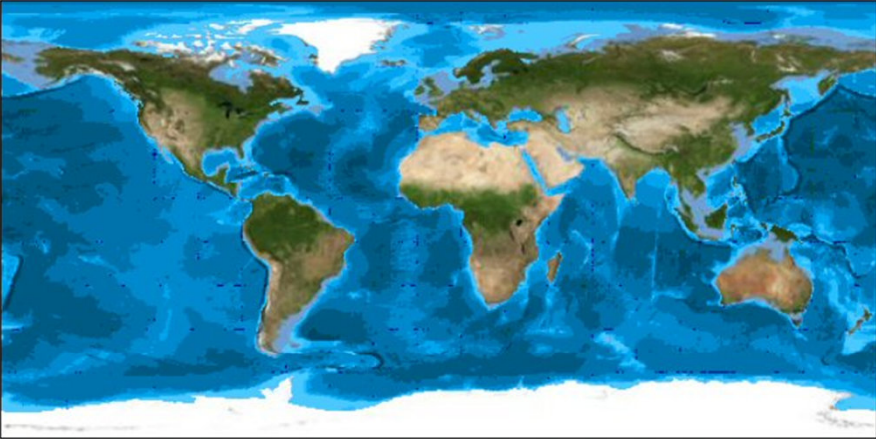
PAN-EUROPEAN INFRASTRUCTURE  
FOR OCEAN & MARINE DATA  
MANAGEMENT

**Tools** ?

Enlarge Help  
Position Index

**Datasets** 0  
Basket Reset

**SeaDataNet**



**Layer control** ? Expand Add layer

- 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** Search Clear ?

Free search

Parameters

- Marine geology
  - > Field geophysics
    - >> Gravity
    - >> Magnetics
    - >> Seismic reflection

Cruise/Station name

Projectname

Datasetname

Sea regions

- > South China and Eastern Archipelagic Seas
- >> Malacca Strait
- >> East Siberian Sea
- >> Chukchi Sea

Waterdepth (m) from

Originator

CDI partner

Country

Access restriction

Instrument type

- All
- 1000 Hz top-bandwidth multi-channel seismic
- 250 Hz top-bandwidth multi-channel seismic re
- acoustic tracking systems

Instrument depth (m) from

Platform type

- All
- beach/intertidal zone structure
- coastal structure
- drifting subsurface float

Measuring area type

Temporal resolution

Date (yyyymmdd) from

Duration

Unit Hours

## Maintenance – operation

- Now 88 data centres connected; 2 extra almost live
- All data centres must undertake regular maintenance by submitting new CDI entries and possibly updating existing entries
- All data centres must be aware and prevent possible duplicates
- Project Review in December 2013!

## Priorities for new CDI entries to support EMODNet

- Physics: long term archives for operational oceanography monitoring sites
- Bathymetry: single and multibeam bathymetric surveys
- Chemistry: water quality samples and analyses from scientific cruises and monitoring

Plus:

- To support Joint SeaDataNet – MyOcean aggregate data set: T&S observations
- To support SeaDataNet Products: T&S observations, incl nutrients