

Modifiez le texte



SeaDataNet

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

INSTM : SeaDataNet contribution

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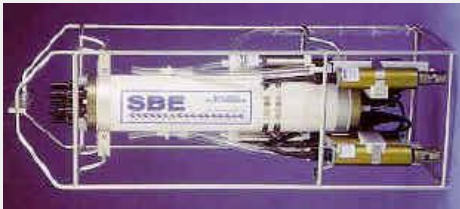
Lucca on 26th September 2013

PLAN

- Presentation of INSTM
- Tools used
- Easy parts
- Difficult parts
- Problems faced
- Unresolved issues
- Conclusion

INSTM - Presentation

- INSTM is a public Research Institute with a NODC established in 1992.
- The most important equipment used by Marine Environment laboratory are:



Seabird 9



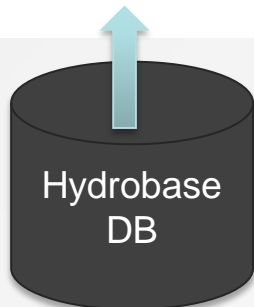
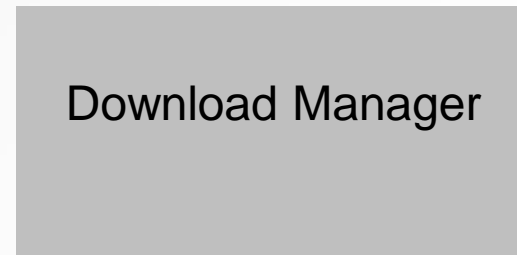
ADCP Sontek



HANNIBAL R/V

- We are involved in WP :
 - WP2.1: participation to plenaries meetings
 - WP3.2, 3.3: participation to trainings
 - WP4.3: installation of tools for metadata
 - WP5.2: installation of tools for data

Tools used



Easy parts

- Cruise Summary Report Contribution – CSR
- European Directory of Research Project – EDMEPR
- Installation of NEMO, Mikado (Windows OS) and Download Manager

Difficult parts

- Common Data Index - CDI
- European Directory of Marine Environment Data – EDMED
- SeaDataNet GML for CDI
- Using Nemo and Mikado
- Installation of Mikado in (Mac OS)

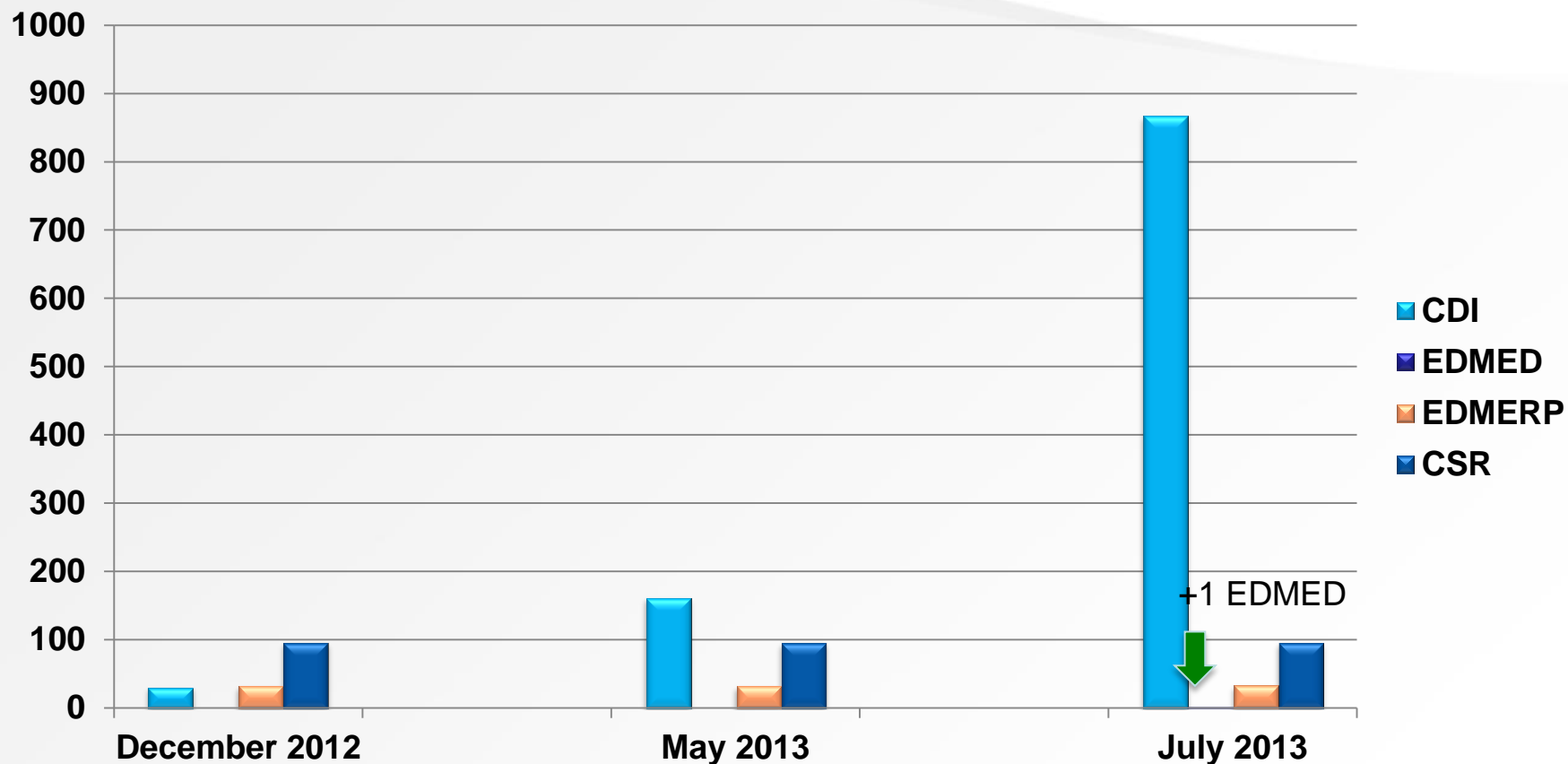
Problems faced

- Quality control
- Data management
- Local database: Vocabulary incoherence
- LOCAL_CDI_ID; **MODUS**; FORMAT; FILENAME : Modus 1 to Modus 3
- Other local problems

Unresolved issues

- Internet connexion cut (Frequently)
- Power cut (avg ones/ 2 months)

Conclusion



http://seadatanet.maris2.nl/v_cdi_v2/result.asp

SEADATANET COMMON DATA INDEX (CDI) V2

Tools

Enlarge Help
Position Index

Datasets 0
Basket Reset

SeaDataNet

Add to basket

Summary Zoom to selected Export result Store query Refine query New query Found 867 Show (1-20) Previous Next 20

#	Data set name	Country	Start date	Variables measured	Instrument / gear type	Show
<input type="checkbox"/>	TU882009GH031 2009	Tunisia	20090316	Administration and dimensions > Administration and dimensions Chemical oceanography > Dissolved gases Physical oceanography > Water column temperature and salinity	CTD	
<input type="checkbox"/>	TU882009GH031 2009	Tunisia	20090316	Administration and dimensions > Administration and dimensions Chemical oceanography > Dissolved gases Physical oceanography > Water column temperature and salinity	CTD	
<input type="checkbox"/>	TU882009GH031 2009	Tunisia	20090317	Administration and dimensions > Administration and dimensions Chemical oceanography > Dissolved gases Physical oceanography > Water column temperature and salinity	CTD	
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<input type="checkbox"/>	TU882009GH031 2009	Tunisia	20090316	Administration and dimensions	CTD	


Details

WHAT?

Data set name: TU882009GH031 2009
Discipline: Administration and dimensions
Chemical oceanography
Physical oceanography
Category: Administration and dimensions
Dissolved gases
Water column temperature and salinity
Variables measured: Dissolved oxygen parameters in the water column
Salinity of the water column
Temperature of the water column
Vertical spatial coordinates
Abstract: Seabird CTD (calibration every year by constructor)
Data format: MEDTLAS ASCII Version 2.0
Ocean Data View ASCII input Version 0.4
Data size: 0.01
Data set creation date: 20130722

WHERE?

Map



Latitude 1: 36.6605
Longitude 1: 11.249833
Measuring area type: point

WHEN?

Start date: 20090316
Start time: 13:53:00
End date: 20090316
End time: 13:53:00

HOW?

Instrument / gear type: CTD
Platform type: research vessel
Cruise name: TU882009GH031 2009
Alternative cruise name: T1882009GH031
Cruise start date: 20090120
Station name: 24
Alternative station name: 24
Station start date: 20090316

WHO?

Originator: Institut National des Sciences et Technologies de la Mer – INSTM
Data Holdin centre: Institut National des Sciences et Technologies de la Mer – INSTM

User Manual – Under process



I. Cruise data record

II. How to generate SDN products : CDI and EDMED

II.1- Common Data Index

1. Pre-processing on NEMO

1.1- How to generate MEDATLAS files

1.2- How to generate CDI_Summary

1.3- How to generate the coupling table

2. Quality Control

2.1- Quality Control using SCOOP

2.2- Quality Control using QC DAMAR

2.3- Quality Control using Ocean Data View (ODV)

2.4- Comparaison between QC tools

3. How to generate CDI under MIKADO

3.1- How to check generated CDI before sending to cdi-support

4. Download Manager and RSM

4.1- How to follow CDI from the test site to production site

4.2- Access Control and data publish

II.2- How to generate EDMED on Mikado

Thank you for your support

