

Minutes of the AtalntOS - WP7 meeting

Hold in Paris the 03-04/12/2015

WP7 of AtlantOS "Data Flow and Data Integration" hold a meeting last week about task 7.1 "Data harmonization on the data management activities" and tasks 7.2 "Data flow and integration to existing system".

This document report on the discussion that directly concerned the glider network and the tasks that come out (highlighted in red) .

Data harmonization session

1. The Glider network in AtlantOS will “only” focus on the following list of EOVs with a Real Time Quality Control RTQC :

- Temperature
- Salinity
- Currents
- Oxygen
- Chla/Fluo
- Nitrate (NO3)

2. Glider **RTQC recommendations** for Current, Oxygen, Chla and NO3 are available here : https://www.dropbox.com/sh/la7ce3wry3d6363/AAAJ3_Kd4Gco_ybyT0R7o3VRa?dl=0

3. EDMO code

European Directory of Marine Organization (EDMO) is a unique code for marine organization that operate in the marine domain. AtlantOS Data management will refer to this EDMO Code for data traceability.

Her is the list of EDMO code for the member of the WP3.4 :

Country	Organisation	EDMO code
France	LOCEAN	494
France	CNRS	2895
Norway	UiB	544
Germany	GEOMAR	2947
Scotland	SAMS	44
England	NERC	783
England	NOC	17
England	BODC	2181
Spain	PLOCAN	3497

We plan to adapt the deployment registration on EGO web site to that need. The level of granularity of the data provider (institute, laboratory, national agency) has to be discuss at the network level. It will be possible to link multiple EDMO code to one single deployment.

Platform description

“Find a harmonized way between network to describe platforms”

WP7 will give access to a complete description of the different platforms. The content of that description is discussed at the moment. The use of “sensorML” may be an option to harmonize that information through the networks.

At the moment, all the information requested by WP7 is in the json file.

The “unique identifier” will remain at the platform level. For Glider the WMO code associated with the deployment date form that unique identifier.

Enhancing discovery at a network level

1. GDAC platform catalog : Providing Glider products to populate catalog is a solution discuss to enhance discovery of the glider Network (SeaDataNet, Copernicus, EMODNET physics). Then, we will have to think about different type of product in the future.

2. DOI : Data Object Identifier relates to any numerical document. It is advised to assign DOI not only to dataset but also to the documentation that describe this dataset. Guideline for DOI is available here : <https://www.dropbox.com/s/jbavyg7nazh7lfh/02-GuideLinesForDOI.pptx?dl=0>

3. From European DAC to GDAC

Make the European DAC that already exist a Global Data Assembly Center. Enhancing the actual GDAC for glider by collecting data from US and Canada is a major objective for the network.