



**Ministerio de
Ciencia, Tecnología
e Innovación Productiva**
Presidencia de la Nación



**Secretaría de Articulación
Científico Tecnológica**
**Ministerio de Ciencia, Tecnología
e Innovación Productiva**

National Large Instruments and Databases Program



SNDB

Sistema Nacional de
Datos Biológicos



SNDM

Sistema Nacional de
Datos del Mar



SNRD

Sistema Nacional de
Repositorios Digitales



S N M
SISTEMA NACIONAL
DE MICROSCOPIA



SNRM

Sistema Nacional de
Resonancia Magnética



SNRX

Sistema Nacional
de Rayos X



SNEM

Sistema Nacional de
Espectrometría de Masas



SNCAD

Sistema Nacional
de Computación
de Alto Desempeño



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National Sea Data System

Key problems:

- dispersion of the data,
- lack of data management in the research academic & scientific communities,
- no uniform data exchange format,
- no national vision towards this issue



National Sea Data System

Created by Res. MinCyT N° 601/10

Mission:

- To ensure accessibility to data and marine information of Southwestern Atlantic Ocean and Antarctica.

Objectives:

- To guarantee the continuous updating of shared marine data and information.
- To consolidate conditions for registration and optionally capture of marine information and for maintaining the databases.
- To provide access to basic information on the marine environment, under defined rules and procedures.

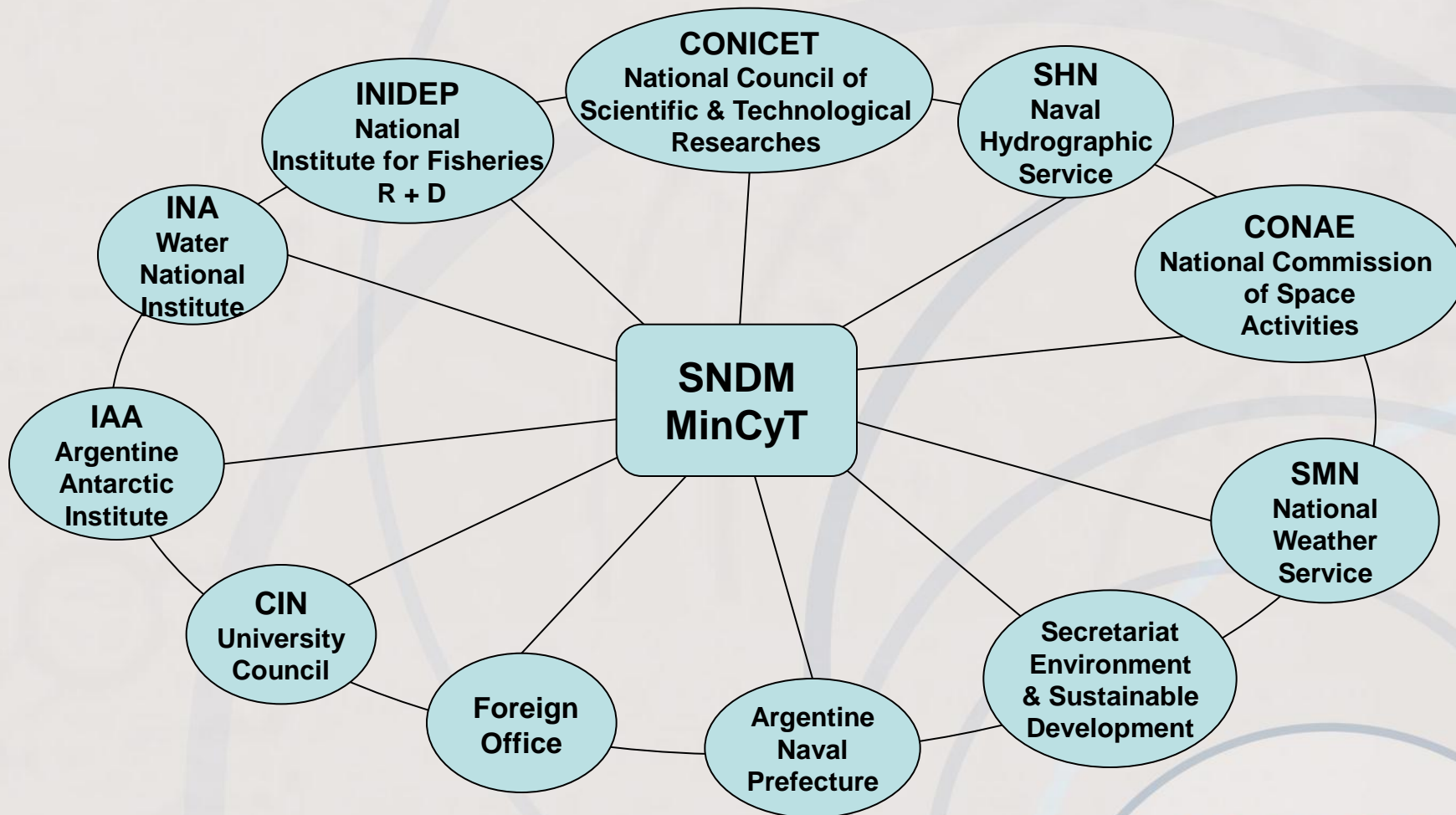
National Sea Data System

Advisory board integrated by representatives of :

- National Universities,
- Public Scientific R+D Centers, and from specific areas of:
 - the Ministry of Defense,
 - the Security Ministry,
 - the Foreign Office and
 - the Chief National Cabinet of Ministers.



National Sea Data System Advisory Board Members



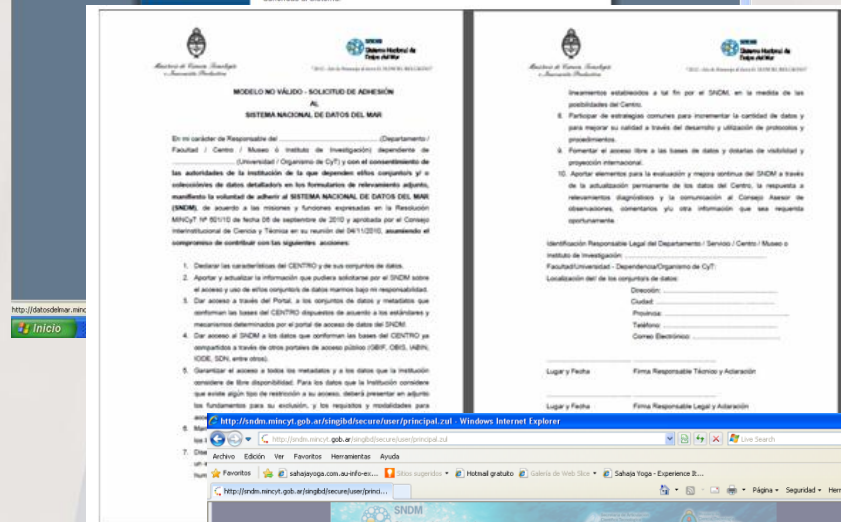
National Sea Data System Membership

Voluntary Membership requirements:

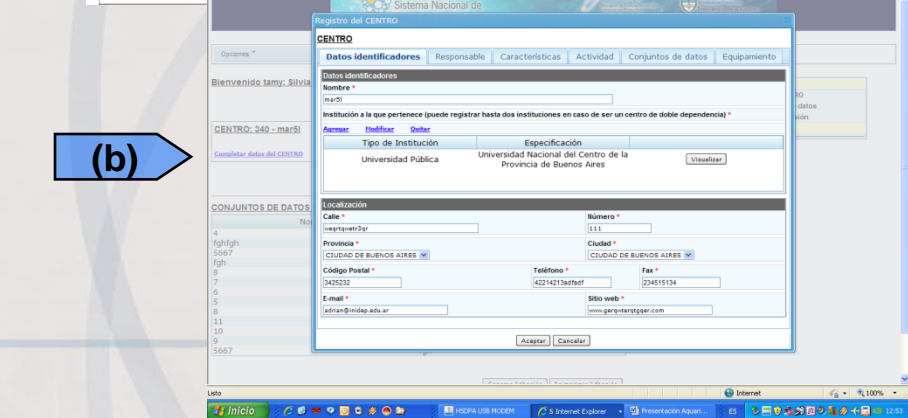
- Be an institution (agency, Research Institute, university) belonging to the National System of Science, Technology and Innovation, and other relevant institutions which produce Marine Data.
- Fill in a form (a).
- Answer a survey by filling an application with institutional data and core data with specifications about types (bathymetry, geology, biology, physical oceanography, marine meteorology data, etc) and characteristics of the data sets (b).
- The member institution compromises to share freely available data.



(a)



(b)



National Sea Data System

Economic Support to SNDM Members

Financing of:

- IT Equipment for Data base strengthening (Hardware and software).
- Training activities (Courses, work-shops, internships).



Argentine Sea Data Portal

- MinCyT requested assistance for installing the software of the International Ocean Data Portal (ODP) in its servers as well as to teach IT personnel from local research and development institutes dedicated to marine research to install and use the Data Provider.
- The ODP is an international portal of marine data and information developed by the International Oceanographic Data and Information Exchange (IODE) Program from the Intergovernmental Oceanographic Commission (IOC-UNESCO).
- MinCyT acts as the National node and the member Institutes are local nodes to the Portal. Nodes share their Metadata and Data by allowing external access to the Data which is stored in their own Databases.
- International community is expecting Argentina to become a regional node of Intergovernmental Oceanographic Commission and the International Ocean Data Portal (IOC/ODP) as one of the most advanced countries in Latin America in providing access to marine data through a national portal (coming soon!).

Thank You for your attention!

