INTERGOVERNMENTAL OCEANOGRAPHIC COMISSION
(of UNESCO)

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IODE NATIONAL REPORT ON OCEANOGRAPHIC DATA MANAGEMENT AND EXCHANGE FOR VENEZUELA
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1. **Name of Data Centre:**
   CENTRO NACIONAL DE DATOS OCEANOGRÁFICOS (CENDOC)
   This NODC belongs to Direcccion de Hidrografía y Navegación (DHN)

2. **National IODE Coordinator:**
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3. **Data Center Address:**
   Observatorio Naval Cagigal, 23 de enero, La Planicie, Caracas.

4. **Data Center URL:**
   [http://www.dhn.mil.ve](http://www.dhn.mil.ve)

5. **IODE Data Center Designation Date:**
   2004

6. **Description of national data flow:**

   How does data flow operate in your country (if possible illustrate by means of one or more diagrams)? This should cover:

   ![Data Flow Diagram](attachment:image.png)
The structure of Venezuelan NODC is being modified, its process is related with the new concepts of the RDB (Relational Data Base). Actually there are no publications for disseminations of information.

7. **What is the structure of marine data management in your country?:**

   1. **How many organizations are involved?**
      The Venezuelan NODC involves many organizations related with the research in marine’s sciences, like Universities and government and privates institutes.

   2. **Who does what?**

   3. **What data goes where?**
      The data captured by DHN.

   4. **What gets passed on to other organizations?**
      We are trying to compiling the national data information in new Data Base supported by ORACLE 8i.

   5. **What regional links and data centres are there?**
      We permanently maintain relations with another South American NODC, like Chile, Trinidad and Tobago, Ecuador and others.

8. **What are the strengths and problems of the present arrangements nationally, regionally and internationally:**
   In Venezuela all organism national o international who wants to do marine research must to bring the data to CENDOC, but in practice it is not.

9. **What future national activities are planned?:**
   We are planning to do some meeting with universities and institutes related with marine information for explain the new concept of RDB Venezuelan NODC