INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION
(of UNESCO)

Eighteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange (IODE-XVIII)
Oostende, Belgium, 26-30 April 2005

IODE NATIONAL REPORT ON OCEANOGRAPHIC DATA MANAGEMENT AND EXCHANGE FOR SLOVENIA
IODE NATIONAL REPORT ON OCEANOGRAPHIC DATA MANAGEMENT AND EXCHANGE FOR SLOVENIA

1. **Name of Data Centre:** National Institute of Biology, Marine Biology Station

2. **National IODE Coordinator:**
   
   Name: Dr Vlado Malacic  
   Address: Fornace 41, Piran 6330, Slovenia  
   Tel: +386 5 671 2904  
   Fax: +386 5 671 2902  
   E-mail: malacic@mbss.org

3. **Data Center Address:** Fornace 41, Piran 6330, Slovenia

4. **Data Center URL:** [http://www.mbss.org](http://www.mbss.org) or [http://buoy.mbss.org](http://buoy.mbss.org)

5. **IODE Data Center Designation Date:** 3 February 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:

   1. **Metadata management:**
      
      o At the discovery level (e.g. do you contribute to IOC/IODE MEDI, GCMD, EDMED, another system, none?)  
        NONE  
      o At the Cruise level (e.g. do you contribute to IOC/IODE Cruise Summary Reports (ROSCOPs), other in-house system, none)  
        NONE  
      o For monitoring/operational systems (e.g. EDIOS, regional GOOS systems, etc)  
        EDIOS

   2. **Data tracking:**
      
      o What systems are in place to track data through from collecting organisations to through to data dissemination?  
      The Coastal Oceanographic Station Piran provides the data for our NODC since the year 2002. The data consist of the air temperature, humidity, wind, sea salinity at 2 m depth, sea temperature at 2 and 23 meters depth and ADCP currents from surface to 23 m depth (1 m intervals).

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

   1. How many organisations are involved?

   **National Institute of Biology, Marine Biology Station (NIB)** is the only organization to provide oceanographic data on the national level. Processed data are transmitted to the **National Environmental Agency (NEA)**. The last transmits data to relevant national and EU bodies.
2. Who does what?

**Marine Biology Station** collects data, performs data quality control, stores data in the database. Processed data are available to public on the web site and sent to NEA.

**National Environmental Agency** stores the data into its own database and publish them on the web site


and monthly reports (http://www.arso.gov.si/o_agenciji/knjiznica/publikacije/bilten.htm )

3. What data goes where?

Air temperature, humidity, wind, sea salinity at 2 m depth, sea temperature at 2 and 23 meters depth and ADCP currents from surface to 23 m depth (1 m intervals) are stored in the database. On these data the quality control is performed in which we have followed the IOC guide. The last 24-hour data are available on the website http://buoy.mbss.org.

4. Are there data for which there is no home?

NO

5. What gets passed on to other organisations?

The coastal oceanographic buoy data together with quality control flags are sent in near real time (every half hour) to the Environmental Agency of Republic of Slovenia via ftp since June 2003.

The same data are transmitted via FTP to Istituto Nazionale di Oceanografia e di Geofisica Sperimentale (Italy: http://www.ogs.trieste.it/), which is also an EDIOS center

6. What regional links and data centres are there?

8. What are the strengths and problems of the present arrangements nationally, regionally and internationally?:

The Environmental Agency is a body of the Ministry of the Environment and Spatial Planning. It performs expert, analytical, regulatory and administrative tasks related to the environment at the national level. For the moment the national legislation is

9. What improvements could be made nationally, regionally and internationally?:

A better cross-border (Italy-Slovenia-Croatia) data availability and cooperation would made a major step toward a better knowledge of the situation in the Gulf of Trieste

10. What future national activities are planned?:

Future activities are oriented toward better awareness and cooperation with other RODC in the region

11. What national, regional or international projects is your NODC involved in (both IODE and non-IODE)? Examples: Argo, GTSSP, EDMED, EDIOS, Sea-Search, GODAR,....

For the moment there are no such initiatives.