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IOC/IODE-XVIII/9.5
12 April 2005
Original: English

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

**REPORT ON ACTIVITIES OF THE RESPONSIBLE
NATIONAL OCEANOGRAPHIC DATA CENTRES:
RNODC JASIN**

REPORT ON ACTIVITIES OF THE RESPONSIBLE NATIONAL OCEANOGRAPHIC DATA CENTRES: RNODC JASIN

1. Name of Responsible National Oceanographic Data Centre:
RNODC- JASIN (Joint Air Sea INteraction Project)

2. Responsible National Oceanographic Data Centre Coordinator:

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3. RNODC Address if (different from 1):

4. RNODC URL (homepage):
www.bodc.ac.uk

5. RNODC on-line data access URL (if applicable)

6. RNODC Designation Date:
17 October 1985

7. RNODC scope

7.1 Does your RNODC cover a specific region or is it of global coverage (and specify):

It covers an area of the eastern North Atlantic (Rockall Trough), and was set up for a specific project only

7.2 Does your RNODC focus on one or more data types (and specify):

The JASIN 78 Project Data Set comprises 34 different data sets including upper air and near surface meteorology and physical oceanography (i.e. temperature, salinity, currents and waves). The data set comprises the following:

82 current meter series
103 vertical current profiles
28 moored thermistor chains
15 towed thermistor chains
542 non-directional wave spectra
106 directional wave spectra
24 days short term wave statistics
194 water bottle stations
6000 CTD profiles
400 CTD yoyo profiles
47 aircraft flights of meteorological and flux data
25 tethered balloon series
11 series of meteorological data
4 series WMO hourly meteorological data

**3 series autologged ship meteorology
800 radiosonde profiles.**

8. Description of Responsible National Oceanographic Data Centre data flow:

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

1. Metadata management:
Discovery metadata entries are included in the European Directory of Marine Environmental Data (EDMED); Cruise Summary Report forms describe data collected on JASIN cruises; other relevant information is stored alongside the data.
2. Quality control:
Data are quality controlled in line with BODC's standard procedures (see web site for further details)
3. Data Archiving:
Data are currently archived at BODC. It is intended to produce a CD-ROM containing the data set and lodge a copy with the WDCs. The data set is as described above.
4. Data dissemination:
Data are currently available from BODC on request (e-mail: enquiries@bodc.ac.uk).

9. During the last intersessional period:

- 9.1 How many organisations sent data to your Data Centre?
The JASIN Data Set is complete – no new data sets were received
- 9.2 What data products and publications were produced and distributed by your Data Centre:
None during the year – CD-ROM planned
- 9.3 Who (physically) visited your Data Centre (ie as a person, not on-line)?
No visitors specifically for RNODC
- 9.4 What kind and how many requests did your Data Centre receive? Was this different from previous reporting periods?
- 9.5 What data and information get passed on to other World Data Centres? Has there been any joint activity with other World Data Centres?
The final data set will be passed to the WDCs
- 9.6 Do you have contacts with IODE RNODCs? (if so please specify)
Not for this activity

10. What are the strengths and problems of the present arrangements for the Responsible National Oceanographic Data Centre System?

Strengths

- **RNODCs are valuable to assist WDCs in their role of final archives**
- **Good to able to go to one place for a consistent data set (same level of quality control and data delivered common format)**
- **They are useful if linked with source of scientific advice to assist with quality control**

Problems

- **RNODCs are a mixture of data type and regional which is confusing – in fact most confusing thing is the name – as it is often thought of as regional rather than responsible.**
- **Low visibility – e.g. not many scientists/data users know what they are – or even that they exist**
- **Only JODC and MEDS seem to operate effectively as RNODCs**

11. What improvements could be made to the Responsible National Oceanographic Data Centre System?:

- **Change the name – RNODC suggests 'Regional' rather than 'Responsible'.**
- **Assess what the overall need is for specialised marine data centres having either a thematic, project or regional role – and make it clear exactly what their responsibilities are.**
- **Review the terms of reference to ensure they are still relevant – review should be carried out between IODE Officers and host NODC.**
- **Perhaps regional RNODCs should be the hub for Ocean and Data Information (ODIN) networks**
- **With the move to a more distributed system, we need to consider whether the RNODCs (or what ever replaces them) should be archival centres or sources of information/advice on the data type or project and gateways to data held elsewhere.**
- **Maybe RNODCs should product more products**
- **Develop strong links with other activities currently outside of IODE – for example OBIS**

12. What future activities are planned by your Responsible National Oceanographic Data Centre?:

1. **Finalise data set**
2. **Distribute data set on CD-ROM**
3. **Close RNODC**