

**WORLD METEOROLOGICAL ORGANIZATION**

**INTERGOVERNMENTAL OCEANOGRAPHIC  
COMMISSION (OF UNESCO)**

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JOINT WMO/IOC TECHNICAL COMMISSION FOR  
OCEANOGRAPHY AND MARINE METEOROLOGY (JCOMM)  
EXPERT TEAM ON MARINE CLIMATOLOGY

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ETMC-I/Doc. 1.2(2)  
(3.III.2004)

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FIRST SESSION

ITEM 1.2

GDYNIA, POLAND, 7 TO 10 JULY 2004

Original: ENGLISH

**ANNOTATED PROVISIONAL AGENDA**

**1. ORGANIZATION OF THE SESSION**

**1.1 Opening**

The first session of the JCOMM Expert Team on Marine Climatology will be opened at 0930 hours on Wednesday, 7 July 2004, at Institute of Oceanography, University of Gdańsk (Gdynia, Poland), by Dr Miroslaw Mietus, chairman of the Expert Team.

**1.2 Adoption of the agenda**

The Team will be invited to adopt the agenda for the session on the basis of the provisional agenda prepared by the Secretariat.

**1.3 Working arrangements**

The Team will agree its hours of work and other practical session arrangements. The documentation will be introduced by the Secretariat. It is expected that the documentation, and the meeting itself, will be in English only.

**2. REVIEW OF THE ACTIVITIES OF JCOMM DATA MANAGEMENT PROGRAMME AREA**

**2.1 Report of the chairman of the Team**

**2.2 Report of the Secretariat**

**2.3 Report on the first session of the Expert Team on Data Management Practices**

The Team will be presented with reports by the chairman of the Team, the JCOMM Secretariat, and participants in the first session of the Expert Team on Data Management Practices. The reports will touch the overall results of JCOMM-I (Akureyri, July 2001), the first session of the JCOMM Data Management Coordination Group (DMCG-I) (Paris, May 2002), the first session of the Expert Team on Data Management Practices (Oostend, Belgium, September 2003), as well as actions taken since these sessions. Reports will also cover requirements/activities of the Ship Observations Team and the VOS Climate (VOSCLim) Project. The Team will also be informed of the development of the Future WMO Information System (FWIS) and other relevant issues. Detailed discussion will take place under relevant agenda items.

**3. DATA QUALITY AND EXCHANGE**

**3.1 Review of the IMMT and MQCS**

At the fourth session of the VOSCLim project (London, July 2004), GCC Germany proposed a

revision of the International Maritime Meteorological Tape (IMMT) format and Minimum Quality Control Standard (MQCS) in accordance with the needs of the project. The Team will review a detailed proposal to be presented by the GCC Germany and make recommendations to be submitted to JCOMM-II.

### **3.2 Review of BUFR template for ship data**

In the process of the development of a new "real-time" archive (1998-2002) for the International Comprehensive Ocean-Atmosphere Dataset (ICOADS), some problems have found in the BUFR template for ship data. The Team will review the study and make a recommendation to the Commission for Basic Systems (CBS) as appropriate.

### **3.3 Review on electronic logbooks**

Members operating VOS have been encouraged to use electronic logbooks such as TurboWin. It is essential that amendments on codes and formats be accommodated in the electronic logbooks. The Team will be presented with the modification process of the electronic logbooks. Information should be taken into consideration for the discussion under agenda item 3.4.

### **3.4 Review of the operations of the Global Collecting Centres**

3.4.1 Report of the Global Collecting Centres

3.4.2 Report of Responsible Members

The Team will review the operation/activities of the Global Collecting Centres and Responsible Members. The Team will be invited to identify any deficiencies and consider possible further improvements of the data exchange system.

## **4. Data archival**

### **4.1 Development of the International Marine Metrological Archive (IMMA) format**

The Team will review the development of the International Marine Meteorological Archive (IMMA) format. It is expected that the Team will agree on a final version of the IMMA format to be submitted to JCOMM-II for its approval. The Team will also consider the further application and evolution of the IMMA format.

### **4.2 History of the marine ship code**

The eighth session of the CMM Subgroup on Marine Climatology (SGMC-VIII) (Asheville, April 2000) was presented with results on a survey to verify if all WMO publications documenting the history of the marine ship codes (i.e. FM13-SHIP and IMMT format) are preserved and the feasibility of making this information readily available. The Team will be presented with the current status of the task. The Team will be invited to give comments and make recommendations on this issue as appropriate.

### **4.3 Archival of wave and storm surge data**

SGMC-VIII discussed archival of FM 65 WAVEOB data, global wave metadata, and the catalogue of storm surge data holdings. Based on the discussion, a questionnaire survey was conducted on archival of WAVEOB data. The Team will be presented with the summary of the survey. On the other hand, a new Expert Team on Wind Waves and Storm Surges (ETWS) was established at JCOMM-I, and catalogues of wave and storm surge data and modeling are being developed under the ETWS. The Team will be presented with related activities of the ETWS.

#### **4.4 Requirements of and assistance for users**

At the moment, users are requested to contact relevant Responsible Member(s) to obtain marine meteorological data collected under the MCSS. DMCG pointed out that there is a lack of a "route map" for users looking for data and assistance, while at the same time the group agreed that MCSS is a developed system of marine meteorological data management with a distributed structure. The Team will be invited to consider the proposal on this issue to be given by the chair of the Team.

### **5. WMO SHIP CATALOGUE (WMO-No. 47)**

#### **5.1 Current status of WMO-No. 47**

A database of WMO-No. 47 has been under development in the WMO Secretariat. The Team will be presented with the status of the database and its future plans.

#### **5.2 Revisions proposed to WMO-No. 47 by the Ship Observations Team**

The third and fourth sessions of the VOSCLim Project (Southampton, January 2002) (London, July 2003) and the second session of the Ship Observations Team (London, July 2003) recognized the need for further amendments to WMO-No. 47, and an ad hoc Task Team on WMO-No. 47 was established. The Team will consider a proposal by the ad hoc Task Team and make recommendations to be submitted to JCOMM-II, as appropriate.

#### **5.3 Old versions of WMO-No. 47**

Old versions of WMO-No. 47 are being digitized under the Climate Database Modernization Program (CDMP) of NOAA. The Team will be presented with the current status of this CDMP project. The Team will be invited to give comments and recommendations on the project, especially regarding the availability of the digitized data.

### **6. REVIEW OF CONTRIBUTIONS AND REQUIREMENTS OF THE WORLD CLIMATE PROGRAMME AND OTHER CLIMATE RELATED PROGRAMMES**

#### **6.1 Requirements for and provision of marine climatological data and service**

#### **6.2 Climate change detection monitoring and indices**

The original objective of the development of the Marine Climatological Summaries Scheme (MCSS) was to establish a joint effort of all maritime nations in the preparation and publication of climatological statistics and charts for the ocean. The current version of the Guide to Marine Meteorological Services (WMO-No. 471) and Manual on Marine Meteorological Services (WMO-No. 558) include guidance for the climatological summaries, accordingly. The Team will be invited to review the guidance and consider needs for such guidance and revision of the Manual and the Guide as necessary.

In this connection, the Team will be briefly informed of activities under other bodies/programmes such as the Commission for Climatology, where some discussion on climate change detection monitoring and indices is underway.

### **7. MANUALS, GUIDES, AND OTHER TECHNICAL PUBLICATIONS**

#### **7.1 Guide to the Applications of Marine Climatology: Results of CLIMAR-II**

The Second JCOMM Workshop on Advances in Marine Climatology (CLIMAR-II) took place in Brussels, November 2003. The Team will be presented with the results of the workshop and consider

recommendations made at the workshop.

**7.2 Review of the Manual on Marine Meteorological Services (WMO-No. 558) and the Guide to Marine Meteorological Services (WMO-No. 471)**

The Team will be invited to make a proposal on amendments to the Manual and Guide as appropriate.

**7.3 Guide to Climatological Practices**

The Commission for Climatology (CCI) is revising the Guide to Climatological Practices--as the Third Edition. The Team will be informed of the current status of the revision, as well as of actions requested of JCOMM in this regard.

**8. ORGANIZATIONAL MATTERS**

**8.1 Terms of reference (TOR) of ETMC**

The Team will be invited to propose revisions of the TOR of the Team, as appropriate.

**9. REVIEW OF ETMC-I SESSION REPORT AND ACTION ITEMS**

The Team will be expected to review, modify as necessary and approve the final report of the session, including action items and recommendations.

**10. Closure of the session**

The first session of the JCOMM Expert Team on Marine Climatology is expected to close by noon on Saturday, 10 July 2004.

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