

WORLD METEOROLOGICAL ORGANIZATION

Dist.: RESTRICTED

COMMISSION FOR BASIC SYSTEMS
OPAG ON INTEGRATED OBSERVING SYSTEMS

CBS/OPAG-IOS/
ODRRGOS-7/Doc. 1.2(2)

**EXPERT TEAM ON
OBSERVATIONAL DATA REQUIREMENTS AND
REDESIGN OF THE GLOBAL OBSERVING SYSTEM**
Seventh session

(20.IV.2004)

ITEM: 1.2

Geneva, Switzerland, 12-16 July 2004

Original: ENGLISH

EXPLANATORY MEMORANDUM

1. ORGANIZATION OF THE MEETING

1.1 Opening of the meeting

The seventh meeting of the CBS/OPAG-IOS Expert Team on Observational Data Requirements and Redesign of the GOS will open at 10:00 hours on Monday, 12 July 2004 at the WMO Headquarters in Geneva, Switzerland.

1.2 Adoption of the agenda

The provisional agenda, as contained in the CBS/OPAG-IOS/ODRRGOS-7/ Doc.1.2(1), will be submitted for adoption. The order of the items may be modified and additional items may be introduced if necessary.

1.3 Working arrangements

The work of the meeting will be conducted in one committee, however, subgroups may be established as required to consider specific problems. The session and documentation will be in English only. The session will decide on other arrangements, such as its working hours. Documentation for the meeting is to be e-mailed to the Secretariat for subsequent posting under the WWW website at: <http://www.wmo.int/web/www/BAS/CBS-meetings.html>

2. REPORT OF THE CHAIRMAN

The chairman will report on the activities carried out since the last meeting of the Expert Team (Geneva, 3–7 November 2003). The meeting will be also briefed by CBS OPAG-IOS chair regarding guidance for the ET in preparation of the CBS-XIII.

3. REPORT ON THE THIRD WMO WORKSHOP ON THE IMPACT OF VARIOUS OBSERVING SYSTEMS ON NWP (Alpbach, Austria, 9 - 11 March 2004)

3.1 Implications for Re-design of GOS

The meeting will review major results of the Third WMO Workshop including its conclusions and recommendations and their input to the development of Implementation Plan for evolution of the GOS. The meeting will be also informed on the status of publishing the Proceedings of the Workshop. The ET may wish to discuss plans and arrangements to hold the next WMO Workshop on impact studies.

3.2 Implications for future OSEs

Previous sessions of the Expert Team suggested seven OSEs for consideration by NWP centres. The status and results of these experiments were presented and discussed at the Workshop. Taking into account the value of OSEs for redesign of the GOS, the Expert Team may wish to consider plans to carry out future OSEs including required revisions to existing Statements of Guidance.

4. RELEVANT ACTIVITIES OCCURRING AT THE WMO CONSULTATIVE MEETINGS ON HIGH-LEVEL POLICY ON SATELLITE MATTERS, CGMS AND GEO

The meeting will review relevant activities that have occurred at the fourth session of the WMO Consultative Meetings on High-level Policy on Satellite Matters, at the thirty-first and thirty-second sessions of the Coordination Group for Meteorological Satellites and within the process established at the second Earth Observation Summit (EOS-II) including activities by the ad hoc intergovernmental Group on Earth Observations (GEO).

5. REVIEW AND UPDATE OF STATEMENTS OF GUIDANCE (SOGs) FOR SELECTED APPLICATIONS

The Expert Team will review the SOGs for marine meteorology and oceanography as provided by the Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology (JCOMM) and also for agrometeorology, hydrology and water resources and atmospheric chemistry. From this review, the Expert Team will update various SOGs as necessary. The ET will also review the observing system capabilities and user data requirements with a goal to update and approve them for inclusion in the WMO/CEOS database.

6. IMPLEMENTATION PLAN FOR EVOLUTION OF SURFACE AND SPACE-BASED COMPONENTS OF THE GOS

The Expert Team during its previous meeting (Geneva, 3-7 November 2003) developed the first draft of an implementation plan, which contained 42 recommendations for the evolution of the GOS. The meeting will be invited to review and update the draft plan with the goal to submit its final version to the OPAG IOS ICT meeting in September 2004 for consideration.

7. ACTION ITEM REVIEW

Actions from the previous session of the ET (November, 2003) will be reviewed. The Expert Team will make changes and updates to the action items as required. Specifically, the meeting will be briefed on the status of THORPEX with emphasis to its observational component. From the perspective of the WMO Space Programme, the ET will be informed on space operator plans for data flow and distribution of emerging sensors.

8. PREPARATION FOR THE UPCOMING ICT ON IOS

The Expert Team will discuss the preparation of necessary background materials to be reviewed by the third session of ICT on IOS to be held from 6 to 10 September 2004.

9. PREPARATION OF ET- ODRRGOS INPUT TO CBS-XIII

The Expert Team will develop input to be submitted to CBS-XIII that would summarize the major outcome of ET-ODRRGOS activities.

10. ANY OTHER BUSINESS

Any items of business requiring the attention of the Expert Team, but not covered above, will be considered.

11. CLOSURE OF THE SESSION

The session is tentatively scheduled to close at 12:00 hours on Friday, 16 July 2004.
