

WORLD METEOROLOGICAL ORGANIZATION

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COMMISSION FOR BASIC SYSTEMS
OPEN PROGRAMME AREA GROUP ON
INTEGRATED OBSERVING SYSTEMS

CBS/OPAG-IOS/
ET AWS-3/Doc. 1.2(2)

(22.I.2004)

**EXPERT TEAM ON REQUIREMENTS FOR DATA FROM
AUTOMATIC WEATHER STATIONS**
Third Session

ITEM: 1.2

GENEVA, SWITZERLAND, 28 JUNE – 2 JULY 2004

Original: ENGLISH ONLY

EXPLANATORY MEMORANDUM

1. ORGANIZATION OF THE MEETING

1.1 *Opening of the meeting*

The Meeting of the Expert Team on Requirements for Data from Automatic Weather Stations (ET/AWS) will be opened on Monday, 28 June 2004, at 10:00 a.m. at the WMO Headquarters, Geneva.

1.2 *Adoption of the agenda*

The Meeting will be invited to consider the provisional agenda with a view to its adoption.

1.3 *Working arrangements for the meeting*

The Meeting will agree on details concerning the organization of its work including working hours. The documentation will be available in English only, and the Meeting will be held in English.

2. REPORT OF THE CHAIRMAN

The chairman will brief the participants on the purpose and scope of the meeting based on the terms of reference of the Expert Team as well as on the results of the Extraordinary Session of CBS (Cairns, 4-12 December 2002). He will also submit a report on the activities carried out by the ET/AWS since CBS-Ext.(2002) according to the Working Plan.

3. ISSUES RELATED TO DEFINITION, REPORTING AND MAINTENANCE OF AWS' DATA

The meeting will be invited to review and refine definition of radiation and reporting mechanism of water vapor measurements. It will also address issues related to the maintenance of meta-data and to the documentation of AWS' algorithms. Participants will discuss the possibility of reporting both nominal and instrument values in BUFR/CREX and make suggestions in this regard.

4. DEVELOPMENT OF IMPROVED GUIDELINES ON EXTENDED QUALITY CONTROL PROCEDURES FOR DATA FROM AWS;

Under this agenda item, the meeting is invited to consider proposal of the new concept of Quality Control Procedures for AWS data and consider the possibility of the validation of checking algorithms.

5. ANY OTHER BUSINESS

In this agenda item, issues not directly related to a Work Plan of ET/AWS but of high importance to the function of AWS in the observing system concept, such as the status of the Earth Observing System initiative, role of AWS in the integrated observation concept, investments needed for high-quality, long-term climate observations, future AWS performance goals/standards and standardization of AWS' platforms.

6. RECOMMENDATIONS TO BE SUBMITTED TO CBS-XIII

The Meeting is invited to develop recommendations to the Thirteenth Session of CBS (CBS-XIII) according to the ET/AWS Work Plan.

7. FUTURE WORK PLAN

The Meeting is invited to develop recommendations to CBS-XIII, tentatively scheduled for 4 quarter 2004, regarding the need for ET/AWS continuity and its future work programme.

8. CLOSURE OF THE MEETING

It is expected to close the meeting on Friday, 2 July 2004, afternoon.