

WORLD METEOROLOGICAL ORGANIZATION

ET-AIR-3 and AMDAR Panel-14/Doc. 6.1

(28.X.2011)

**JOINT MEETING:
CBS EXPERT TEAM ON AIRCRAFT BASED
OBSERVATIONS
(Third Session)
AND
AMDAR PANEL
(Fourteenth Session)**

ITEM: 6.1

Original: ENGLISH ONLY

(QUEBEC CITY, CANADA, 2-4 NOVEMBER 2011)

ET-AIR ADMINISTRATIVE MATTERS AND REPORTING TO CBS

Proposal of the TOR of ET-AIR for 2013-2016

(Submitted by the Secretariat and ET-AIR Chairman)

SUMMARY AND PURPOSE OF DOCUMENT

Provides a draft of proposed Terms of Reference for the OPAG-
IOS Expert Team on Aircraft Observations for consideration for
submission to CBS XV.

ACTION PROPOSED

1. The Panel is invited to note the information contained in the document.

References:

1. CBS, OPAG on the Integrated Observing System Work Structure:
http://www.wmo.int/pages/prog/www/OSY/WorkingStructure/OPAG-IOS_ExpertTeams.html
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BACKGROUND

1. CBS-XIV approved the formation of the Expert Team on Aircraft-based Observations (ET-AIR) under the Open Programme Areas Group (OPAG), Integrated Observing System (IOS). This Joint Meeting includes the third session of ET-AIR and will be the final session prior to CBS-XV (autumn 2012).
2. The ET-AIR reports to OPAG-IOS Implementation Coordination Team on Integrated Observing Systems (ICT-IOS) and CBS, including recommendations on the future Work Plan and the Terms of Reference (ToR) of the expert team.
3. This document provides the basis for discussion and consideration by the Joint Meeting on the future ToR for ET-AIR. The current ToR as approved by CBS-XIV is provided in Appendix 1.

PROPOSED NEW TERMS OF REFERENCE FOR ET-AIR

4. It is suggested that new ToR for ET-AIR should take into account the following issues and aspects relating to the AMDAR Programme:
 - There is an expectation and understanding between WMO and the AMDAR Panel, that the activities, work programme and Trust Fund of the Panel will eventually be taken over by the World Weather Watch Programme, relevant technical commissions, namely CBS and CIMO (only for Instruments and Methods of Observation programme) and the WMO Secretariat;
 - Referring to above, the Expert Team on Aircraft-based Observations, would be expected to take on increasingly more of the AMDAR Programme work in cooperation with relevant CIMO teams;
 5. An updated ToR is proposed and provided within Appendix 2.
 6. **Recommendation 1:** The Joint Meeting is invited to review the proposed ToR.
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APPENDIX 1

Commission for Basic Systems, OPAG IOS, Expert Team on Aircraft-based Observations, Terms of Reference, as approved by CBS-XIV

- (a) Coordinate with the AMDAR Panel to develop a harmonized AMDAR work plan;
- (b) Review and report to CBS on the AMDAR Programme activities including the integration of AMDAR into WIGOS;
- (c) Develop future governance for the AMDAR Programme;
- (d) Steer the implementation of the WIGOS AMDAR Pilot Project;
- (e) Develop a data policy for AMDAR;
- (f) Develop standard practices for AMDAR;
- (g) Provide input into the EGOS-IP for AMDAR;
- (h) Report on training requirements and activities for AMDAR;
- (i) Provide advice and support to the Chairperson of OPAG-IOS on development and implementation of WIGOS concept.

APPENDIX 2

Commission for Basic Systems, OPAG IOS, Expert Team on Aircraft-based Observations, Proposed Terms of Reference

- (a) Coordinate with the AMDAR Panel to develop a harmonized AMDAR work plan with an appropriate transition of the AMDAR work plan to the work plan of the relevant technical commissions, namely CBS and CIMO;
- (b) Cooperate with the AMDAR Panel on the continued migration of the governance of the AMDAR Programme to CBS;
- (c) Coordinate with the AMDAR Panel for the migration of the management of the AMDAR Panel Trust Fund from AMDAR Panel to the WMO Secretariat and CBS;
- (d) Develop a Quality Management System for the AMDAR Programme that incorporates the progress made through the WIGOS AMDAR Pilot Project and the development of standards related to metrology, data management and data monitoring;
- (e) Provide input into the CBS Rolling Review of Requirements and the relevant planning activities associated with the Evolution of the GOS;
- (f) Support the ICG WIGOS and its Task Teams in the implementation of the WIGOS and provide advice and support to the Chairperson of OPAG-IOS on these issues;
- (g) Review the status of all aircraft-based observations relevant to WIGOS;
- (h) Report to CBS on the ET-AIR activities, including the AMDAR Programme.