



International Civil Aviation Organization

**NINTH MEETING OF THE ASIA/PACIFIC OPMET MANAGEMENT
TASK FORCE (OPMET/M TF/9)**

Bangkok, Thailand, 21-23 March 2011

Agenda Item 5: Update on XML coded OPMET information

**SUMMARY OF ICAO ATTENDANCE AT THE
2010 EXTRAORDINARY SESSION OF THE WMO CBS**

(Presented by the Secretariat)

SUMMARY

This information paper provides a brief summary of the ICAO relevant aspects of the 2010 Extraordinary Session of the World Meteorological Organization Commission for Basic Systems.

This paper relates to:

Strategic Objectives:

- A. Safety
- C. Sustainability

Global Plan Initiatives:

- GPI-18 Aeronautical Information
- GPI-19 Meteorological Systems

1. INTRODUCTION

1.1 ICAO, as observer, attended the 2010 Extraordinary Session of the World Meteorological Organization's (WMO) Commission for Basic Systems (CBS), held in Windhoek, Namibia on 17 to 24 November 2010.

1.2 The role of the WMO CBS is to oversee and coordinate WMO planning for, and implementation of, the basic support to all international meteorological programmes; the main elements being the Integrated Observing System (IOS), the Information Systems and Services (ISS) and the Data Processing and Forecasting Systems (DPFS). In view of the Commission's primary importance in the support of all the programmes, including the aeronautical MET programme, it is accorded the highest priority as a core Commission of WMO.

1.3 The meeting was attended by 105 participants from 45 WMO Member States and by 8 observers from 6 international organizations: European Centre for Medium-range Weather Forecasts (ECMWF), EUMETNET, European Organization for the Exploitation of Meteorological Satellites (EUMETSAT), Association of Hydro-Meteorological Equipment Industry (HMEI), Niger Basin Authority and ICAO.

2. DISCUSSION

2.1 In view of the working arrangements between ICAO and WMO (ICAO Doc 7475 refers), ICAO attendance at the WMO CBS Ext. 2010 was to ensure:

- a) a coordinated approach to the implementation and roll-out of Amendment 75 to Annex 3 — *Meteorological Service for International Air Navigation*; and
- b) the necessary WMO support for all the ICAO MET programmes, in particular the international airways volcano watch (IAVW).

2.2 The expected deliverables of the attendance of the ICAO observer were to ensure:

- a) endorsement of amendments to WMO Regulatory Material, in particular to the WMO *Manual on Codes* (WMO – No. 306) concerning aeronautical meteorological codes, consequential to ICAO Amendment 75 to Annex 3;
- b) enhanced support to ICAO IAVW related to the observing component and the development of dispersion models; and
- c) support, in principle, for the transition to the use of extensible mark-up language (XML) for OPMET information in the future net-centric environment.

2.3 The expected objectives of ICAO were achieved.

2.4 Specific to c) in paragraph 2.2, an excerpt from the CNS/MET SG/14 meeting which referenced the WMO Commission for Aeronautical Meteorology (CAeM)/Commission for Basic Systems (CBS) Expert Team on OPMET Data Representation meeting held in Paris, France on 26 October 2009 for which the full report may be accessed at <http://www.wmo.int/pages/prog/www/WDM/ET-ODR-2/Documents.html> is provided, “Reference is made to section 2.4.1 and 2.4.2 to the report on attendance (by C/MET, ICAO) that include milestones such as the pilot project conducted by WMO in 2009, enabling bilateral exchange of OPMET via XML in 2013 (Amendment 76 to Annex 3), possible endorsement of the future use of Weather Information Exchange Model (WXXM) by the planned conjoint ICAO/WMO MET/AIM Divisional Meeting in 2014 and the possible implementation of WXXM in 2016.”

3. ACTION BY THE MEETING

3.1 The OPMET/M TF/9 meeting is invited to note the contents of this information paper.
