



International Civil Aviation Organization

**FIFTEENTH MEETING OF THE ASIA/PACIFIC METEOROLOGICAL
INFORMATION EXCHANGE WORKING GROUP
(MET/IE WG/15)**

Bangkok, Thailand, 20 – 22 March 2017

Agenda Item 4: Planning and implementation of digital exchange of meteorological information

**PROPOSED WMO VCP / ICAO APAC WORKSHOP
ON THE IMPLEMENTATION OF IWXXM FOR THE EXCHANGE OF OPMET DATA
TO BE HELD IN HONG KONG, CHINA**

(Presented by Hong Kong, China)

SUMMARY

This paper presents the initiative of Hong Kong, China to organize and host a workshop on the implementation of IWXXM for the exchange of OPMET data with a view to raise the capability of stakeholders of Asia and Pacific to kick-start their own IWXXM implementation project.

1. INTRODUCTION

1.1 At APANPIRG MET/IE WG/14 meeting held on 7-9 March 2016, an invitation was extended to Asia/Pacific RODBs to attend the *Workshop on implementing IWXXM for exchange of OPMET data* in Paris, France, from 31 May to 2 June 2016. The workshop agreed that its outcomes need to be promulgated to the appropriate MET group in their respective regions and strongly urged each region to conduct subsequent workshops for States in their respective Regions in approximately one year. Subsequent APANPIRG MET SG/20 meeting held on 6-9 June 2016 further confirmed the need of capacity building and awareness raising activities on IWXXM implementation for different stakeholders in APAC.

1.2 In view of the expressed need for capability building to kick-start IWXXM implementation in the Asia and Pacific region, Hong Kong, China proposes to organize a Workshop on Implementation of IWXXM for the Exchange of OPMET Data during 10-12 October 2017 in Hong Kong.

2. DISCUSSION

2.1 The proposed 3-day workshop to be held under the joint banner of WMO Voluntary Cooperation Programme (VCP) and ICAO APAC Office will focus on practical implementation of IWXXM like basic infrastructural requirements, encoding, decoding and exchanging of OPMET data, roles and responsibilities of stakeholders with respect to their functions in the regional plan and gap identification. A list on tentative topics to be covered in the workshop is shown in Appendix.

2.2 Targeted participants include personnel of aeronautical meteorological services provider involved in the preparation and exchange of aviation meteorological information, especially those who will be involved in the migration from the use of Traditional Alphanumeric Code (TAC) to IWXXM for OPMET data exchange, and personnel responsible for the exchange and dissemination of meteorological information for international civil aviation (e.g. Air Navigation Service Providers (ANSPs), National Communication Centres (NOCs) and RODBs).

2.3 Formal invitation to attend the workshop will be send via WMO and ICAO closer to time. Due to the space limitation of the venue, the total number of participants is not expected to exceed 40.

3. ACTION REQUIRED BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this papers; and
- b) discuss any relevant matters as appropriate.

Appendix

**Proposed WMO VCP / ICAO APAC Workshop on the
Implementation of IWXXM for the exchange of OPMET data
Hong Kong, China, 10 - 12 October 2017**

Tentative topics to be covered

1. IWXXM and its importance to the Global Air Navigation Plan (GANP) and Aviation System Block Upgrade (ASBU);
2. Collaboration of WMO and ICAO in the development and governance of IWXXM;
3. Regional considerations with respect to the *Guidelines for the implementation of OPMET Data Exchange using IWXXM*;
4. Technical aspects related to IWXXM with emphasis on assisting participants to kick start their own implementation project, such as:
 - (a) Introduction of IWXXM and the use of it for message encoding;
 - (b) Translation of TAC to IWXXM bulletins;
 - (c) Validation of IWXXM bulletins and available resources; and
 - (d) Infrastructural and operational requirements for IWXXM bulletin exchange;
5. Experience sharing on IWXXM implementation and gap identification; and
6. Discussion on preparation for local and regional implementation.