



Awareness workshop on the Roadmap of Aeronautical Meteorological (MET) Information in System-Wide Information Management (SWIM) – English Session

(Virtual, 20 March 2024)

Agenda Item 4: Transition plan and associated timelines for implementing aeronautical meteorological (MET) information in SWIM (MET-SWIM)

DP 4.2 – Transition from TAC to IWXXM

(Presented by the Secretariat)

SUMMARY	
<p>This paper provides an update on the Transition for implementing aeronautical meteorological (MET) information in SWIM.</p> <p>Action by the Meeting is provided in paragraph 3</p>	
REFERENCES	
<ul style="list-style-type: none"> ▪ Global air Navigation Plan (GANP) ▪ Roadmap for Aeronautical Meteorological Information in System-Wide Information Management (METP/5) ▪ Plan for Aeronautical Meteorological (MET) Information in System-Wide Information Management (SWIM) (METP/5) ▪ AFI eANP Vol III 	
<i>Strategic Objectives</i>	<i>A – Safety, B – Air Navigation Capacity and Efficiency</i>

1 INTRODUCTION

- 1.1 The Meteorology Panel (METP) at its fifth meeting agreed on the Decision 6/4 endorsing the Versions 2.3 of the MET-SWIM Plan and MET-SWIM Roadmap as final versions for the implementation of IWXXM as a Standard in the ICAO Annex 3; and inviting the Secretariat to circulate them to PIRGs.
- 1.2 MET-SWIM implementation and transition will proceed based upon the Aviation System Block Upgrade (ASBU) schedule outlined in ICAO Global Air Navigation Plan (GANP).
- 1.3 The primary information exchange model in MET-SWIM is IWXXM.
- 1.4 This paper provides an updated on the transition from OPMET data in TAC format to IWXXM format.

2 DISCUSSIONS

- 2.1. The ICAO Meteorology Panel (METP) has recommended the eventual removal of TAC from ICAO Annex 3 to ensure that IWXXM will serve as the primary format for the exchange of MET information.
- 2.2. IWXXM format became a Standard for dissemination on 5 November 2020 with the applicability of Amendment 79 to Annex 3 for the following TAC products: SIGMET, AIRMET, METAR, SPECI, TREND, TAF, VAA, TCA and SWXA.
- 2.3. Significant weather (SIGWX) forecasts, while not a TAC product, will become a Recommended practice for dissemination in IWXXM as of 4 November 2021.
- 2.4. The METP has noted the benefit in providing multi-year advance notice for TAC to be removed as a standard in Annex 3, thus allowing States and other aviation stakeholders to procure or build alternatives and identify processes to be considered as precursors for the cessation of TAC. The full decommissioning of TAC format and sole requirement for IWXXM format will occur within Block 2 (2025-2030) in accordance with the ICAO GANP, with a specific target date to be determined by the ICAO METP in the future.
- 2.5. IWXXM format will continue as Standard in subsequent Amendments to Annex 3. The removal of TAC format as a Standard and Recommended Practice (SARP) in Annex 3 is planned to coincide with a future Amendment to Annex 3 that is applicable in within Block 2 (2025-2030)

3 ACTION BY THE WORKSHOP

- 3.1. To review the content of this paper and provides comments as needed.
- 3.2. To commit to Plan appropriate actions to implement the IWXXM model for the exchange of MET information.

END