



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

(Virtual, 20 March 2024)

Agenda Item 5: Transition plan and associated timelines for implementing aeronautical meteorological (MET) information in SWIM (MET-SWIM)

DP 5.1 – Summary and Way forwards

(Presented by the Secretariat)

SUMMARY	
<p>This paper presents the summary of the results of the workshop, provide challenges that may affect the implementation of the MET-SWIM and provides a way forward.</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 Activities conducted and outcomes

- 1.1 The workshop provided an update on the SWIM concept and highlighted that SWIM is **not a software or hardware product** but **consists of standards, infrastructure and governance** enabling the management of the ATM-related information and its exchange between qualified parties via interoperable services.
- 1.2 An update on the ASBU elements applicable in MET in the AFI Region was provided. The requirements for exchanging the OPMET data using the ICAO IWXXM were also presented.
- 1.3 A **guidance material developed for the ASBU situational analysis** was presented and discussed. Participants can use that guidance as tool to conduct the situational analysis of the status of the implementation of the ASBU elements.

- 1.4 **Participants were provided with knowledge on the MET-SWIM related ASBU elements and their dependencies.**
- 1.5 Participants were also updated on the components of the MET-SWIM transition and the timelines for implementing these components.
- 1.6 The workshop also discussed the modifications to the **organizational roles** involved in MET information exchanges following the transition to MET-SWIM.

2 Challenges

2.1. Following challenges regarding ASBU B0 and SWIM enablers should be noted:

- **AIM QMS, AIXM** (and consequently eAIP) and eTOD are main challenging elements in B0-DAIM and B1-DAIM.
- **MET QMS, IWXXM** main challenges in AMET-B0, AMET-B1, AMET-B2 and AMET-3
- **IP Network** is a challenging SWIM enabler.

2.2. Other main reasons for non-implementation of MET-SWIM related enablers may include (but not limited to):

- **Financial issues**; and
- **Lack of awareness**, and **competent human resources** (needs for training)

3 Way forward

- 3.1. **Guidance materials and implementation KITs** could help States with the implementation.
- 3.2. Participants **will share the knowledge** acquired during this workshop with their colleagues back home.
- 3.3. Participants **to schedule an on-site awareness activities/workshop** to continue to educate on-site stakeholders on the requirements for implementing ICAO Meteorological Information Exchange Model (IWXXM).
- 3.4. The ICAO WACAF regional office **will continue to provide support** as necessary.

END