



ICAO

*International Civil Aviation Organization***The Ninth Meeting of System Wide Information Management Task Force (SWIM TF/9)***Bangkok, Thailand, 14 – 17 May 2024*

Agenda Item 3: Outcomes of relevant meetings on SWIM-related matters

## OUTCOMES FROM ICAO APAC MET-RELATED MEETINGS

(Presented by the Secretariat)

### SUMMARY

This paper presents a summary of outcomes, reported after SWIM TF/8, of the APANPIRG, MET SG and MET/IE WG discussions on SWIM (including IWXXM)-related matters.

## 1. INTRODUCTION

1.1 This paper summarises outcomes from ICAO APAC MET-related meetings on SWIM- and IWXXM-related matters, which have been reported after the last meeting of the SWIM TF.

1.2 Full details of the relevant discussions are available in the [Report of APANPIRG/34](#), Hong Kong, China, 11 - 13 December 2023, and the [Report of MET/IE WG/22](#), Bangkok, Thailand, 18 - 21 March 2024.

## 2. DISCUSSION

### APANPIRG/34

2.1 Based on the Draft Conclusions formulated by MET SG/27 (September 2023), APANPIRG/34 adopted two Conclusions (34/12 and 34/13) supporting the States' implementation of the ICAO Annex 3 SARPs for disseminating MET information in the IWXXM form.

2.2 Conclusion APANPIRG/34/12 – *IWXXM version compatibility* highlighted the need for MET service providers and end-users to maintain system-compatibility with the IWXXM version that complies with the latest amendment to Annex 3.

2.3 Conclusion APANPIRG/34/13 – *Global Dissemination of IWXXM*, called for the expedited implementation of intra- and inter-regional network circuits and communication services necessary to disseminate MET information in the IWXXM form globally.

2.4 In addition, APANPIRG/34 recommended the IWXXM-related SARPs be considered as criteria for identifying, assessing, and reporting APANPIRG air navigation deficiencies. To this end, APANPIRG/34 considered that the validated, regular dissemination of SIGMET information in the IWXXM form would be required to remove the deficiency AP-MET-14 (concerning the issuance and dissemination of SIGMET information for Kathmandu FIR) from the list of air navigation deficiencies.

MET/IE WG/22 (in collaboration with ACSICG/11)

2.5 MET/IE WG/22 formulated two Draft Conclusions (22-01 and 22-02) for further consideration by MET SG/28 (July 2024), to support the implementation of IWXXM-related SARPs.

2.6 Draft Conclusion MET/IE WG/22-01 – *Availability and Timeliness of TAC and IWXXM Meteorological Information* proposes further development of OPMET monitoring activities to support the States' implementation of the IWXXM-related SARPs.

2.7 Draft Conclusion MET/IE WG/22-02 [and Draft Conclusion ACSICG/11/02] – *Review of APAC Region IWXXM Implementation Status/Readiness*, highlights the need for States to share updates on the implementation status of the IWXXM-related SARPs, including the supporting AMHS connections and regional and inter-regional IWXXM exchange arrangements.

2.8 MET/IE WG/22 also recorded several action items to support further the implementation of the IWXXM-related SARPs, including the following:

- Action item MET/IE WG/22-02: *IROG backup exercise – IWXXM data*, to provide an update on conducting an IROG backup exercise for IWXXM data.
- Action item MET/IE WG/22-04: *ROBEX Handbook updates – criteria for IWXXM monitoring*, to facilitate monitoring of IWXXM dissemination.
- Action item MET/IE WG/22-06: *SIGMET Guide updates – SIGMET test procedures for IWXXM*, to improve the regional guidance for disseminating SIGMET test messages in IWXXM form.
- Action item MET/IE WG/22-07: *IWXXM dissemination – issues for non-ROBEX locations*, to consider enabling the dissemination of METAR/SPECI in the IWXXM form for weather stations not listed in the ROBEX handbook.
- Action item MET/IE WG/22-11: *ROBEX Handbook updates – ROC IWXXM exchange*, to improve the guidance concerning ROC responsibilities for IWXXM exchange.
- Action item MET/IE WG/22-13: *IWXXM Guidelines document – availability on ICAO APAC website*, to consider publishing the *Guidelines for the Implementation of OPMET data exchange using IWXXM*, Version 5, on the CNS section of the ICAO APAC Office eDocuments webpage.
- Action item MET/IE WG/22-14 [and Action item ACSICG/11-2]: *IWXXM distribution – guidance when primary AMHS fails*, to develop educational material on managing the distribution of IWXXM information when primary AMHS link failure occurs.
- Action item MET/IE WG/22-15 [and Action item ACSICG/11-3]: *IWXXM operational exchange – checklist*, to develop a checklist of steps required to facilitate operational IWXXM exchange.

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to note the information contained in this paper.

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