



ICAO

International Civil Aviation Organization**WORKING PAPER**

Asia and Pacific (APAC)

Thirteenth Meeting of the Meteorological Requirements Working Group (MET/R WG/13)

Bangkok, Thailand, 22 to 26 April 2024

Agenda Item 2: Review outcomes of related meetings**FOLLOW-UP ACTION FROM MET/R WG/12**

(Presented by the Secretariat)

SUMMARY

This paper presents the status of follow-up action on outcomes from the previous meeting of the Meteorological Requirements Working Group (MET/R WG/12) and invites the meeting to propose and endorse updates, as necessary, to the status of follow-up action recorded in the MET/R WG List of Actions.

1. INTRODUCTION

1.1 Outcomes from the Twelfth Meeting of the Meteorological Requirements Working Group (MET/R WG/12) in Bangkok, Thailand, from 1 to 5 May 2023, including the ICAO APAC Seminar on Meteorology/Air Traffic Management (MET/ATM Seminar), included two (2) Decisions related to matters dealing with the internal working arrangements of the MET/R WG.

1.2 The meeting will review the status of follow-up action on the outcomes from MET/R WG/12, formulate additional follow-up actions as necessary, and propose and endorse updates to the MET/R WG List of Actions.

2. DISCUSSIONMET/R WG/12 – Decisions

2.1 The Decisions adopted by MET/R WG/12 are reproduced in **Appendix A** to this paper and listed below:

- Decision MET/R WG/12-01: *Update on Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations*
- Decision MET/R WG/12-02: *APAC Use Cases and User Requirements for SWIM-Based MET Information Services Supporting ATFM*

2.2 Under the terms of reference, the MET/R WG adopts Decisions on matters dealing with the internal working arrangements of the MET/R WG. The status of follow-up action on the above Decisions adopted by MET/R WG/12 is indicated in **Appendix A** to this paper.

MET/R WG – Action Items

2.3 The action items recorded in the Report of MET/R WG/12 are detailed in the MET/R WG List of Actions in **Appendix B** to this paper.

2.4 The List of Actions indicates the status of follow-up on the action items (in the last column). Updates to the status of follow-up on the action items since the last meeting are indicated by highlighted and strike-through text. *Note: action items which the MET/R WG previously agreed are completed, superseded (by other activities), closed or redundant, are removed from the list.*

3. ACTION BY THE MEETING

3.1 This paper invites the meeting to:

- a) Review the MET/R WG/12 Decisions and follow-up action (as indicated in **Appendix A** to this paper);
- b) Review the MET/R WG List of Actions, including the status of follow-up on the action items (as indicated in **Appendix B** to this paper);
- c) Propose further updates, as necessary, to the MET/R WG List of Actions; and
- d) Endorse the proposed updates to the MET/R WG List of Actions.

APPENDIX A

Decisions adopted by MET/R WG/12 (with the status of follow-up action annotated)

Decision MET/R WG/12-01: *Update on Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations*

- a) The MET/R WG members review the draft Guidance attached to MET/R WG/12 WP/11 and provide comments to the ICAO RO MET no later than 14 July 2023;
- b) The ad-hoc group, consisting of Australia, China, Hong Kong, China, Japan (rapporteur), Republic of Korea, Singapore, Thailand, Vietnam and IATA, finalizes the draft Guidance for approval at the MET SG/27; and
- c) MET/R WG members are invited to share the State's practices and challenges of verification and evaluation of impact-based MET information to support ATM operation to be included in the Guidance.

Status of follow-up action:

- The ad hoc group presented proposed updates to the *Asia/Pacific Regional Guidance for Tailored Meteorological Information and Services to Support Air Traffic Management Operations* to enhance the contents related to the improvement process of the meteorological (MET) information and services, including post-operational analysis on the effect of tailored MET information on air traffic management (ATM) decisions, for review by MET SG/27 (MET SG/27, WP/20 refers).
- MET SG/27 was informed that the proposed updates were also reviewed and supported by the ATFM/SG. MET SG/27 supported the updates, including Australia's example in WP/20, Attachment B, being adopted in the Appendices of the Guidance, and therefore adopted Decision MET SG/27-05: *Update the Regional Guidance for Tailored Meteorological Information and Services to Support ATM Operations*.
- ASIA/PACIFIC REGIONAL GUIDANCE FOR TAILORED METEOROLOGICAL INFORMATION AND SERVICES TO SUPPORT AIR TRAFFIC MANAGEMENT OPERATIONS, Fourth Edition, September 2023, is now available on the ICAO APAC website: <https://www.icao.int/APAC/Pages/eDocs.aspx>.

Decision MET/R WG/12-02: *APAC Use Cases and User Requirements for SWIM-Based MET Information Services Supporting ATFM*

- a) The MET/R WG members and ATFM SG members review the proposed updates to the draft reference document in Attachment A to MET/R WG/12 WP/12, provide comments and provide suggestions on additional use cases, if any, to the ICAO Secretariats by 14 July 2023; and
- b) Depending on the feedback and information received, the ad-hoc group would submit an updated reference document to MET SG for review.

Status of follow-up action:

- Refer to discussion in MET/R WG/13, WP/07 – APAC USE CASES AND USER REQUIREMENTS FOR SWIM-BASED MET INFORMATION SERVICES SUPPORTING ATFM

MET/R WG/13
Appendix B to WP/02

APPENDIX B

MET/R WG – LIST OF ACTIONS

(Note: Proposed updates are indicated with ~~strikethrough~~ and **highlighted** text)

New action items recorded by MET/R WG/11

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/ REMARKS
MET/R WG/11 01	Propose further updates to the (MET/R WG work plan) Deliverable No. 2 and Deliverable No. 5 timeframe, responsibility, and requirements details. [Ref: MET/R WG/11 Report, 5.2.] <ul style="list-style-type: none">- Deliverable 2: <i>Draft regional guidance material on MET information needed to support the elements of the APAC Seamless ANS Plan</i>- Deliverable 5: <i>A coordinated review of the APAC ANP Volume III, including proposals for improvements to the ANRF and other parts of Volume III, to clarify the MET-related implementation planning guidance</i>	MET/R WG/12	Chair and Secretariat	To begin In progress

Unresolved action items recorded by MET/R WG/09

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/ REMARKS
MET/R WG/09 01	Publicise the SIGMET Guide and, in particular, the guidance indicating the importance of exchanging special air-reports between airlines, ATS units and MWOs (and aerodrome meteorological offices (AMOs)) in support of improved SIGMET service and flight safety, by way of ICAO State letter (and/or other channels) with distribution to pilots and ATS units supported by States and relevant s organisations, as appropriate [include reference to the ICAO APAC Webinar on <i>Special Air-Reports needed by MET to Support Flight Safety</i> , conducted on 17 June 2021]	July 2020 Ongoing	Secretary and MET/R WG members	In progress
