

International Civil Aviation Organization

ICAO

WORKING PAPER**ASIA AND PACIFIC (APAC)****Thirteenth Meeting of the Meteorological Services Working Group (MET/S WG/13)**

Bangkok, Thailand, 29 to 31 March 2023

Agenda Item 2: Review of follow-up from previous meetings**FOLLOW-UP ACTION FROM MET/S WG/12**

(Presented by Secretariat)

SUMMARY

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

1. INTRODUCTION

1.1 Outcomes from the Twelfth Meeting of the Meteorological Services Working Group (MET/S WG/12; online, 30 March to 01 April 2022), including the conjoint session with the Twentieth Meeting of the Meteorological Information Exchange Working Group (MET/IE WG/20), included one (1) Draft Conclusion for further consideration by the Meteorology Sub-group (MET SG), and five (5) new action items, including one (1) from the conjoint session, for the MET/S WG List of Actions.

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

2. DISCUSSIONMET/S WG/12 – Draft Conclusion

2.1 The Draft Conclusion MET/S WG/12/01: *Updating the online repository on SIGMET Coordination and the consolidation document on SIGMET Coordination Practices in the APAC region*, was considered by the Twenty-sixth Meeting of the Meteorology Sub-group (MET SG/26), conducted online, from 1 to 5 August 2022.

2.2 Further discussion on the outcome of consideration by MET SG/26 on Draft Conclusion MET/S WG/12/01 is provided separately in the MET/S WG/13 working paper, WP/03 – *FOLLOW-UP ACTION FROM MET SG/26*.

MET/S WG/12 – Action Items

2.3 The action items recorded in the Report of MET/S WG/12, along with unresolved action items from previous meetings of the MET/S WG, are detailed in the MET/S WG List of Actions at the **Appendix A** 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 *Note: action items which the MET/S WG previously agreed are completed, superseded (by other activities), closed or redundant, are removed from the list.*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/S WG List of Actions, including the status of follow-up on the action items (as indicated at the **Appendix A** to this paper);
- b) Propose further updates, as necessary, to the status of follow-up on action items in the MET/S WG List of Actions; and
- c) Endorse the proposed updates to the status of follow-up on action items in the MET/S WG List of Actions.

APPENDIX A

MET/S WG – LIST OF ACTIONS

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

New action items recorded by MET/S WG/12

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/ REMARKS
MET/S WG/12 01	Prepare and disseminate the ICAO letter advising States of SIGMET test deficiencies. [Ref: Report of Conjoint Session of MET/IE WG/20 and MET/S WG/12, para. 2.25.]	Before the next SIGMET test	Secretariat, in coordination with the ad hoc group (on AN deficiencies)	IN PROGRESS
MET/S WG/12 02	Publish the link to the <i>online repository of SIGMET coordination activities</i> on the ICAO APAC Office website. [Ref: Report of MET/S WG/12, para. 3.22.]	Before MET SG/26	Secretariat	COMPLETED https://www.icao.int/APAC/Pages/eDocs.aspx
MET/S WG/12 03	Prepare and process proposals for amendment to the ANP and other Regional Guidance to reflect the change in Phnom Penh FIR's location indicator from VDPP to VDPF. [Ref: Report of MET/S WG/12, para. 3.34.]	Before MET SG/26	Secretariat, in coordination with participants from Cambodia	IN PROGRESS
MET/S WG/12 04	Prepare and process proposals for amendment to the ANP (Table MET II-1 – Meteorological Watch Offices) and the APAC Regional SIGMET Guide, Appendix D, to reflect the changes in Jakarta and Ujung Pandang FIR's location indicators from WIIZ to WIIF and WAAZ to WAAF, respectively. [Ref: Report of MET/S WG/12, para. 6.4.]	Before MET SG/26	Secretariat, in coordination with participants from Indonesia	IN PROGRESS
MET/S WG/12 05	Delegate an ad hoc group to investigate further opportunities for educating users on the ICAO SWX service (e.g., education material or activities). [Ref: Report of MET/S WG/12, para. 6.8.]	Before MET SG/26	Secretariat and Chair	IN PROGRESS

Unresolved action items recorded by the conjoint session of MET/IE WG/19 and MET/S WG/11

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/ REMARKS
01	State letter request to user States to ensure the relevant operational units participate in the VAAC back-up tests and provide the VAACs with their current, valid AFTN addresses for receipt of the VAA messages. [Ref: para. 1.1.-1.3., MET/IE WG/19 and MET/S WG/11 conjoint session]	Before next scheduled test	Australia, New Zealand, Secretariat	TO COMMENCE
02	Investigate possible improvements to the template for the SIGMET test summary table to enable a more detailed analysis of the SIGMET tests, including analysis of more than one WC and/or WV SIGMET test message issued by the same MWO (which receives TCA and/or VAA from more than one TCAC and/or VAAC). [Ref: para. 2.16., MET/IE WG/19 and MET/S WG/11 conjoint session]	Before next scheduled test	SIGMET test Focal Points, Secretariat	TO COMMENCE

Unresolved action items recorded by MET/S WG/11

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/ REMARKS
02	State letter to: a) Inform States of the need to prepare for the proposed WAFS and SADIS changes planned for November 2023; and b) Invite States to inform ICAO of any need for related technical assistance. [Ref: para. 2.15., MET/S WG/11]	Before MET SG/26	Secretariat	IN PROGRESS Ref: Decision MET SG/24-07
04	Continue to develop the proposed guidance for possible inclusion in the APAC Regional SIGMET Guide on SIGMET issuance where volcanic ash is forecast to cross FIR boundaries, taking into consideration the need for input from the end user community and consider global coordination with ICAO regions. [Ref: para. 6.2.-6.3., MET/S WG/11]	Before MET SG/26	Ad hoc group	IN PROGRESS

Unresolved action items recorded by MET/IE WG/18 and MET/S WG/10

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/REMARKS
Terms of Reference and Work Program				
01	Terms of Reference and Work Program – online coordination: Make use of regular online coordination meetings to facilitate progress on follow-up on the action items in the Task List/s [Ref: para. 2.3. and 7.3.]	As necessary	Secretariat and WG Chairs and members	IN PROGRESS
OPMET Monitoring				
07	OPMET performance indices – States’ follow-up: Inform States concerned of the locations with low performance indices and advise the States to take appropriate corrective actions; address the above communication also the Regional OPMET Centres (ROCs) responsible for the collection of OPMET messages from the originating stations [Ref: para. 3.4. and 3.5.]	Before MET SG/26	Secretariat	IN PROGRESS Ref: MET/IE WG, 5. Work Plan, Activity 1 and Activity 2
Regional Guidance Materials				
21	ANP updates – State Volcano Observatories: Designate an ad-hoc group consisting of the Secretariat and members from the VAACs and RODBs to identify the APAC States with active or potential active volcanoes, which do not have a designated State volcano observatory listed in the APAC ANP, Vol I, Table MET I-1; conduct the necessary coordination to facilitate the States concerned with the designation of a State volcano observatory and listing it in the APAC ANP; coordinate the action above with the development of a comprehensive proposal for amendment of the ANP to reflect APAC States’ current requirements for State volcano observatories [Ref: para. 4.17., 8.3. and 8.4.]	Before MET SG/26	MET/S WG and Secretariat	IN PROGRESS Amendment of ANP still pending
SIGMET test				
28	SIGMET test results – corrective action plan: Investigate the reason for the reduced reception of SIGMET test messages at Regional OPMET Centre (ROC) London compared to APAC RODB’s and share the results with MET/S for potential corrective action [Ref: para. 6.12.]	Before MET SG/26	MET/IE WG	IN PROGRESS Ref: MET/IE WG, 5. Work Plan, Activity 3 AND Ref: MET/S WG, 5. Work Plan, Activity 3
Other				
30	VAAC back-up test procedures – review and update: Refer to the pertinent information from IP/08 and determine appropriate action for the next review and update of the VAAC back-up test procedures [Ref: para. 8.25.]	Before MET SG/26	MET/IE WG and MET/S WG	IN PROGRESS Ref: MET/IE WG, 5. Work Plan, Activity 4
31	Special air-reports – promoting issuance of: Continue to coordinate the required follow-up action (outstanding action item no. 8) concerning promoting the issuance of special air-reports; publicise by way of State letter (and/or other channels) the importance of exchanging special air-reports between airlines, ATS units and MWOs (and aerodrome meteorological offices) [Ref: para. 7.2. and 8.21.]	Before MET SG/26	Secretariat	IN PROGRESS Ref: Action Item MET/R WG 9/1; Webinar on Special Air-Reports, 17 June 2021
32	Air navigation deficiencies – resolution of: Continue to support States, as necessary, such as Nepal, with developing and implementing their corrective action plans for the resolution of air navigation deficiencies [Ref: para. 9.4.]	Before MET SG/26	Secretariat	IN PROGRESS Ref: MET/S WG, 5. Work Plan, Activity 6
33	WAFS and SADIS – preparation for proposed changes: Develop appropriate actions in the work program to facilitate States’ awareness of and planning for the proposed (WP/25) WAFS and SADIS changes in November 2023 [Ref: para. 10.5.]	Before MET SG/26	MET/S WG	IN PROGRESS

Unresolved action items recorded by MET/S WG/09

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/REMARKS
9/5	Submit a proposal to MET/SG/23 for further review and possible adoption of the proposed update to the Asia/Pacific Regional SIGMET Guide developed by the designated ad-hoc group, incorporating the consequential changes identified by the meeting arising from the following:	Before MET SG/26	Designated ad-hoc group and Secretariat	IN PROGRESS Amendment of ANP Vol. II still pending

ACTION ITEM	DESCRIPTION	BY DATE	RESPONSIBILITY	STATUS/ REMARKS
	<ul style="list-style-type: none"><li data-bbox="336 304 951 349">i. Development of MWO Phnom Penh in Cambodia (MET/IE WG/17 – WP/03, Appendix II, refers);<li data-bbox="336 349 951 427">ii. Proposals made by Australia in relation to WV SIGMET (MET/IE WG/17 – MET/ S WG/9 – WP/C4, para. 3.1, (b) and (c), refers); and<li data-bbox="336 427 951 472">iii. Introduction of space weather advisory information (MET/IE WG/17 – WP/05, para. 3.1 (c), refers). <p data-bbox="288 472 951 508"><i>[Report of MET/S WG/9, para. 6.8 – 6.9, refers]</i></p>			
