



International Civil Aviation Organization

WORKING PAPER

ASIA AND PACIFIC (APAC)

Twenty-Seventh Meeting of the Meteorology Sub-Group
(MET SG/27)

Bangkok, Thailand, 04 to 08 September 2023

Agenda Item 2: Review outcomes from previous meetings

REVIEW OUTCOMES FROM APANPIRG/33

(Presented by the Secretariat)

SUMMARY

This paper presents the status of follow-up action on outcomes from the Thirty-third Meeting of the Asia and Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/33), which included three (3) Conclusions of direct relevance to the work plan of the Meteorology Sub-Group (MET SG), and invites the meeting to consider further actions, as necessary, to support the follow-up action on the APANPIRG/33 outcomes. APANPIRG/33 agreed to remove the air navigation deficiency AP-MET-23, concerning the lack of SIGMET issued for the Honiara FIR, from the Open List of APANPIRG Air Navigation Deficiencies.

1. INTRODUCTION

1.1 Outcomes from the meetings of the Asia and Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG) include the adoption of Conclusions and Decisions on matters requiring the attention of States or actions by ICAO, and matters concerning the business of APANPIRG and its contributory bodies.

1.2 The meeting will review the status of follow-up action on the APANPIRG/33 outcomes, which are of direct relevance to the work plan of the Meteorology Sub-Group (MET SG), and consider further actions, as necessary, to support the follow-up action on the outcomes from APANPIRG/33.

2. DISCUSSION

2.1 Outcomes from APANPIRG/33, held in Bali, Indonesia, from 22 to 24 November 2022, included, in total, thirteen (13) Conclusions, requiring the attention of States or actions by ICAO, and one (1) Decision, for APANPIRG and its contributory bodies. The APANPIRG/33 outcomes included (3) Conclusions which are of direct relevance to the work plan of the MET SG; two (2) of which APANPIRG/33 adopted based on the Draft Conclusions formulated by MET SG/26.

APANPIRG/33 – Conclusions

2.2 The APANPIRG/33 Conclusions relevant to MET SG are reproduced in **Appendix A** and

listed below:

- Conclusion 33/12 – *WAFS, SADIS and WIFS upgrades*;
- Conclusion 33/13 – *0.25-degree WAFS hazard data*; and
- Conclusion 33/14 – *Update of Information in APANPIRG Air Navigation Deficiencies Reporting Form*.

2.3 The status of follow-up action on the above Conclusions is indicated in the APANPIRG/33 Conclusions/Decisions – Action Plan, which is reproduced in **Appendix B**.

2.4 The Meeting is informed that, with the adoption of Conclusion APANPIRG/33/14, APANPIRG/33 agreed to remove the air navigation deficiency AP-MET-23, concerning the lack of SIGMET issued for the Honiara FIR, from the Open List of APANPIRG Air Navigation Deficiencies.

Additional outcome from APANPIRG/33 – Progress of Secretariat actions

2.5 In addition to the outcomes discussed above, APANPIRG/33 noted that, following the discussion at APANPIRG/32 concerning the Secretariat resourcing to APANPIRG, ICAO is advertising a secondment opportunity for an Aviation Meteorology Officer to supplement the Secretariat support for the APANPIRG MET-related work. Nominations from States will be welcomed.

2.6 The relevant ICAO State letter, Ref.: A2/1.5 CONF–22/93, dated 28 November 2022, and job description document are both accessible via the (registered user) ICAO Secure Portal at <https://portal.icao.int/icao-net/Pages/StateLetters2022.aspx> and <https://portal.icao.int/icao-net/Pages/SecondmentOpportunities.aspx>.

3. ACTION BY THE MEETING

3.1 This paper invites the meeting to:

- a) Note the information in this paper;
- b) Review and update the status of follow-up action related to the APANPIRG/33 Conclusions (as indicated in **Appendix B**);
- c) Identify further actions, if necessary, to support the follow-up action on the APANPIRG/33 outcomes; and
- d) Discuss any relevant matters as appropriate.

APPENDIX A

APANPIRG/33 Conclusions (extracted from the Final Report of APANPIRG/33)

Conclusion APANPIRG/33/12 – WAFS, SADIS and WIFS upgrades (Draft Conclusion MET SG/26/03)	
What: That, users of WAFS, SADIS and WIFS are invited to: a) familiarise themselves with the proposed WAFS data and technical changes planned for November 2023 and 2024; b) discuss the upcoming changes with their technical departments and make plans for how their organisation could adapt to these technological changes; c) get involved in trying out the new test/beta application programming interfaces (APIs) once they become available in late 2022 or 2023.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-Regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: WAFS, SADIS and WIFS users will have to adapt their systems to benefit from the planned WAFS upgrades, which correspond with proposed Amendments 81 to ICAO Annex 3.	Follow-up: <input checked="" type="checkbox"/> Required from States
When: by November 2023 and 2024	Status: Adopted by APANPIRG
Who: <input type="checkbox"/> Sub Groups <input type="checkbox"/> RASG-APAC <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Conclusion APANPIRG/33/13 – 0.25-degree WAFS hazard data (Draft Conclusion MET SG/26/04)	
What: That, users of WAFS, SADIS and WIFS are urged to, if not already done so, integrate the 0.25-degree WAFS hazard data (for cumulonimbus, icing and turbulence) into their systems and software before November 2023.	Expected impact: <input type="checkbox"/> Political / Global <input type="checkbox"/> Inter-Regional <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input checked="" type="checkbox"/> Ops/Technical
Why: The WAFCs have introduced 0.25-degree WAFS hazard data and will discontinue providing users with the 1.25-degree hazard data sets in November 2023. The previous Conclusion APANPIRG/31/17: 0.25-degree WAFS hazard data, and associated ICAO State letter Ref.: T 4/8.2 – AP129/21 (MET), dated 15 July 2021, also requested SADIS user States to make the necessary systems changes to integrate the new 0.25-degree WAFS hazard data into their SADIS user systems and software.	Follow-up: <input checked="" type="checkbox"/> Required from States
When: by November 2023	Status: Adopted by APANPIRG
Who: <input type="checkbox"/> Sub Groups <input type="checkbox"/> RASG-APAC <input checked="" type="checkbox"/> APAC States <input type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other:	

Conclusion APANPIRG/33/14 – Update of Information in APANPIRG Air Navigation Deficiencies Reporting Form

<p>That,</p> <p>1) ICAO to update the APANPIRG Air Navigation Database to reflect the information as presented in Appendices A to D to Report on Agenda Item 4.</p> <p>2) States/Administrations be urged to:</p> <p>a) establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective action taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in ATM and Airspace Safety, AOP, CNS and MET fields as detailed in Appendices A to D to Report on Agenda Item 4; and</p> <p>b) update contact details of a Focal Point to coordinate actions to resolve the Deficiencies.</p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input checked="" type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input type="checkbox"/> Inter -Regional</p> <p><input checked="" type="checkbox"/> Ops/Technical</p>
<p>Why: The resolution of air navigation deficiencies in the ATM and Airspace Safety, AOP, CNS and MET fields (in the APANPIRG database) have lacked satisfactory progress over several years, due in part to inadequate information in the Reporting Form, e.g., infrequent updates and lack of concise and concrete Corrective Action Plans with defined target dates</p>	<p>Follow-up: <input checked="" type="checkbox"/> Required from States</p>
<p>When: official reports providing full details of the corrective actions taken where deficiencies have been resolved be reported to APANPIRG's Sub-groups in 2023.</p>	<p>Status: Adopted by PIRG</p>
<p>Who: <input checked="" type="checkbox"/> Sub groups <input checked="" type="checkbox"/> APAC States <input checked="" type="checkbox"/> ICAO APAC RO <input type="checkbox"/> ICAO HQ <input type="checkbox"/> Other</p>	

Note: With the adoption of Conclusion APANPIRG/33/14, APANPIRG/33 agreed to remove the air navigation deficiency AP-MET-23, concerning the lack of SIGMET issued for the Honiara FIR, from the Open List.

APPENDIX B

APANPIRG/33 Conclusions/Decisions – Action Plan (reproduced from ATTACHMENT 5 to the APANPIRG/33 Report)

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
C 33/12 A & B	WAFS, SADIS and WIFS upgrades	That, users of WAFS, SADIS and WIFS are invited to: a) familiarise themselves with the proposed WAFS data and technical changes planned for November 2023 and 2024; b) discuss the upcoming changes with their technical departments and make plans for how their organisation could adapt to these technological changes; c) get involved in trying out the new test/beta application programming interfaces (APIs) once they become available in late 2022 or 2023.	ICAO RO	State Letter Ref.: API26/23 (MET) dated 22 August 2023 COMPLETED	January 2023
			APAC States and Administrations	Action in accordance with the Conclusion.	As soon as practicable
C 33/13 A & B	0.25-degree WAFS hazard data	That, users of WAFS, SADIS and WIFS are urged to, if not already done so, integrate the 0.25-degree WAFS hazard data (for cumulonimbus, icing and turbulence) into their systems and software before November 2023.	ICAO RO	State Letter Ref.: API27/23 (MET) dated 22 August 2023 COMPLETED	January 2023
			APAC States and Administrations	Action in accordance with the Conclusion.	As soon as practicable

Conclusion/ Decision No --- Strategic Objective*	Title of Conclusion/Decision	Text of Conclusion/Decision	Responsibility	Deliverable	Target Date
(1)	(2)	(3)	(4)	(5)	(6)
C 33/14 A & B	Update of Information in APANPIRG Air Navigation Deficiencies Reporting Form	That, 1) ICAO to update the APANPIRG Air Navigation Database to reflect the information as presented in Appendices A to D to Report on Agenda Item 4. 2) States/Administrations be urged to: a) establish action plan with defined target dates for resolution of deficiencies, update the status on the corrective action taken and report progress in the Reporting Form of Air Navigation Deficiencies identified in ATM and Airspace Safety, AOP, CNS and MET fields as detailed in Appendices A to D to Report on Agenda Item 4; and b) update contact details of a Focal Point to coordinate actions to resolve the Deficiencies.	ICAO RO	State Letter Ref.: AN 3/3 – AP015/23 (AGA) dated 24 January 2023 COMPLETED	January 2023
				Update the APANPIRG Air Navigation Database	February 2023
			APAC States and Administrations	Action in accordance with the Conclusion.	As soon as practicable
