



ICAO

International Civil Aviation Organization

**Tenth Meeting of the Air Traffic Management Sub-Group
(ATM/SG/10) of APANPIRG**

Video Teleconference, 17 – 21 October 2022

Agenda Item 7: AOP, MET, AIM, SAR

AOP SUBGROUP OUTCOMES

(Presented by the Secretariat)

SUMMARY

This paper presents the outcomes of the Sixth Meeting of the APANPIRG Aerodrome Operation and Planning Sub-Group (AOP/SG/6) relevant to the ATM/SG.

1. INTRODUCTION

1.1 The Sixth Meeting of the Aerodrome Operations and Planning Sub-Group (AOP/SG/6) was held via video teleconference on 27 - 30 June 2022. The report of the AOP/SG/6 Meeting is available at <https://www.icao.int/APAC/Meetings/Pages/2022-AOP-SG6.aspx>.

2. DISCUSSION

Enhanced Global Reporting Format for Assessing and Reporting Runway Surface Conditions (GRF)

2.1 AOP/SG/6 noted that ICAO APAC Office had received GRF Implementation Action Plans from 29 States/Administrations in 2021. 15 States implemented GRF on 4 November 2021 and 14 States are in the process of implementation of GRF. 13 States have yet to submit their GRF Implementation Action Plan to ICAO APAC Office.

2.2 Annex 15 Aeronautical Information Services (AIS) requires that any permanent changes in the AIP shall be published as AIP Amendments (6.3.1.2 of Annex 15 refers). Therefore, the procedures for reporting of runway condition report and issuance of the new SNOWTAM format should also be published in national AIP. It was noted that the most appropriate section for publication of above information in AIP could be “AD 1.2.2 Snow plan” (refer to Appendix 2 of PANS-AIM (Doc 10066)).

2.3 Recognizing the need for the promulgation of the procedures for the reporting of runway condition report and issuance of the new SNOWTAM format by States in their AIP in accordance with 6.3.1.2 of Annex 15 Aeronautical Information Services (AIS), AP-AA/WG/4 formulated the following Draft Conclusion and endorsed by AOP/SG/6 for consideration by APANPIRG/33:

Draft Conclusion AOP/SG/6 - 2 (AP-AA/WG/4-1): Publication of procedures for reporting of runway condition report and issuance of the SNOWTAM in AIP	
That, Asia Pacific States/Administrations:	Expected impact: <input checked="" type="checkbox"/> Political / Global <input type="checkbox"/> Economic <input type="checkbox"/> Environmental <input type="checkbox"/> Inter -Regional <input checked="" type="checkbox"/> Ops/Technical
1) are urged to publish the procedures for reporting of runway condition report and issuance of SNOWTAM in their AIP in accordance with 6.3.1.2 of Annex 15 Aeronautical Information Services; and	
2) may consider to publish above information in “AD 1.2.2 Snow plan” (refer to Appendix 2 of PANS-AIM (Doc 10066))	
Why: For safety, regularity and efficiency of air navigation.	Follow-up: <input checked="" type="checkbox"/> Required from States
When: 23 November 2022	Status: Draft to be adopted by PIRG
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	

2.4 States that had already published it in other sections of the AIP may wish to consider changing it to “AD 1.2.2 Snow plan”.

2.5 ATM/SG is also requested to support the above Draft Conclusion endorsed by the AOP/SG/6 for further consideration by APANPIRG/33.

2.6 To share experience gained and lessons learned by Aviation Regulators, Aerodrome Operators, Air Traffic Controllers and Airlines Pilots on the implementation of GRF in Asia and Pacific States, the regional seminar on GRF was jointly organized by ICAO APAC, Civil Aviation Administration of China and ACI on 29 September 2022. Presentations of the seminar are available on ICAO APAC Website at:

<https://www.icao.int/APAC/Meetings/Pages/Ten%20Months%20into%20GRF,%20Challenges%20Met%20and%20Lessons%20Learnt%20in%20Asia-Pacific.aspx>.

Status of certification of aerodromes in AIP

2.7 AOP/SG/6 noted that there were several States / Administrations that have yet to publish the status of certification of aerodromes in AIP AD 1.5. The list is provided in the **Table 1** below:

States	North Asia (5 States & 2 SARs)	Southeast Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
No aerodromes listed in AD 1.5/ AD 1.5 missing in AIP	--	1) Brunei Darussalam 2) Timor-Leste	1) Afghanistan	1) American Samoa, Guam and N. Mariana Is. (US) 2) Kiribati 3) Nauru 4) Samoa 5) Solomon Is. 6) Tonga

States	North Asia (5 States & 2 SARs)	Southeast Asia (11 States)	South Asia (8 States)	Pacific (15 States & 8 OTs)
				7) Tuvalu 8) Vanuatu
Some but not all aerodromes listed in AD 1.5	1) China	1) Viet Nam	1) India	--
Status listed but not under AD 1.5	--	--	--	--
AIP cannot be located	--	--	--	1) Marshall Is. 2) Micronesia (Federated States of) 3) Palau
Total (17 States)	1 State	3 States	2 States	11 States / OTs

Table 1 – Status of AIP AD 1.5 in Sub Regions of Asia/Pacific Region

2.8 AOP/SG/6 urged States/Administrations that have not yet published the status of certification of aerodromes in State's AIP to publish the status as soon as possible in accordance with Annex 14 Vol I (para. 2.13.1), PANS-Aerodromes (para. 2.3.7) and Appendix 2 to PANS-AIM (Doc 10066).

2.9 *Regional Guidance on Aeronautical Information Publication – AD 1.5 Status of Certification of Aerodromes*, which was developed by ICAO APAC Office and approved by APANPIRG/31 is available on the ICAO Asia/Pacific Regional Office eDocuments web-page: <https://www.icao.int/APAC/Pages/eDocs.aspx>, under AGA heading, for publishing in AIP AD1.5 the status of the certification of aerodromes by States/Administrations.

WGS-84 and Data Accuracy – AAITF/17 Outcomes

2.10 The Secretariat of the Seventeenth Meeting of the APAC Aeronautical Information Services (AIS) – Aeronautical Information Management (AIM) Implementation Task Force (AAITF/17, Video Teleconference, 20 to 23 June 2024) presented the Flimsy on the outcomes of the meeting relevant to AOP/SG.

2.11 AOP/SG/6 noted that the AAITF/17 meeting had included a workshop activity on World Geodetic System – 1984 (WGS-84) and (aeronautical) Data Accuracy.

2.12 AOP/SG was provided with information on the WGS-84 reference frame, the reasons for re-collection of WGS-84 coordinate data, the recommendation that coordinate data be revalidated each 5 years, or after certain events, and the impact of non-maintained WGS-84 coordinate data on Instrument Flight Procedures and aircraft Terrain Awareness Warning Systems (TAWS).

2.13 The *Draft Conclusion AAITF/17-3: Revalidation of Coordinate Data* which was formulated by AAITF/17 for consideration by the ATM/SG/10 was also endorsed by the AOP/SG/6:

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) support the *Draft Conclusion AOP/SG/6 - 2 (AP-AA/WG/4-1): Publication of procedures for reporting of runway condition report and issuance of the SNOWTAM in AIP* (paragraph 2.3);
- c) urge States/Administrations that have not yet published the status of certification of aerodromes in AIP AD 1.5 to do so in accordance with the guidance provided in the *Regional Guidance on AIP AD 1.5 for publication of status of certification of aerodromes in AIP*;
- d) note that the *Draft Conclusion for Revalidation of Coordinate Data* which was formulated by AAITF/17 for consideration by the ATM/SG/10 was also endorsed by the AOP/SG/6; and
- e) discuss any relevant matters as appropriate.

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