



ICAO

International Civil Aviation Organization

Sixteenth Meeting of the Asia/Pacific Air Traffic Flow Management and Airport Collaborative Decision-Making Steering Group (ATFM & A-CDM/SG/16)

Bangkok, Thailand, 06 – 10 April 2026

Agenda Item 2: Review Outcomes of Related Meetings

RELATED MEETINGS OUTCOMES

(Presented by the Secretariat)

SUMMARY

This paper presents Air Traffic Flow Management (ATFM) and Airport Collaborative Decision-Making (A-CDM) related outcomes of meetings conducted by the relevant contributory bodies of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG).

1. INTRODUCTION

1.1 The Thirty-Sixth Meeting of the Asia/Pacific Air Navigation Planning and Implementation Regional Group (APANPIRG/36) was held in Bangkok, Thailand, from 24 to 26 November 2025.

1.2 The Thirteenth Meeting of the Air Traffic Management Sub-Group (ATM/SG/13) of APANPIRG was held in Singapore, from 25 to 29 August 2025.

1.3 The Twenty-Ninth Meeting of the Communications, Navigation and Surveillance Sub-group (CNS SG/29) of APANPIRG was held in Bangkok, Thailand, from 16 to 20 June 2025.

1.4 The Twenty-Ninth Meeting of the ICAO Asia/Pacific Meteorology Sub-group (MET SG/29) of APANPIRG was held in Bangkok, Thailand, from 18 to 22 August 2025.

2. DISCUSSION

APANPIRG/36

Asia/Pacific Regional FIXM Version 4.3 Extension

2.1 To provide the information exchange model necessary to support cross-border ATFM operation, A-CDM, ATFM/A-CDM integration and traffic synchronization in the APAC Region, in line with *Conclusion APANPIRG/35/4*, the following Conclusion as endorsed by CNS SG/29 was adopted by the APANPIRG/36:

Conclusion APANPIRG/36/12 – Asia/Pacific Regional FIXM version 4.3 Extension

The FIXM version 4.3 Extension described in SWIM/TF/10/WP30 and provided in Appendix B to the Report on Agenda Item 3.4 is:

a) *adopted as the Asia/Pacific FIXM version 4.3 Extension;*

- b) *uploaded to the ICAO Asia/Pacific Regional Office website for use by Asia/Pacific Administrations to support cross-border ATFM operation, A-CDM, ATFM/A-CDM integration, and traffic synchronization; and*
- c) *presented to the FIXM CCB for review and publication on the FIXM official website.*

Modification of Name of ATFM Steering Group (ATFM/SG) to ATFM and A-CDM Steering Group (ATFM & A-CDM/SG)

2.2 APANPIRG/36 was informed that it had been observed that the participation of experts from airport operators and A-CDM operations had not been encouraging in the ATFM/SG meetings. In this regard, APANPIRG/36 agreed to the following Decision:

Decision APANPIRG/36/8 – Modification of Name of ATFM Steering Group (ATFM/SG) to ATFM and A-CDM Steering Group (ATFM & A-CDM/SG)

That,

1. *the name of the ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG) changed to the ICAO Asia/Pacific Air Traffic Flow Management and Airport Collaborative Decision Making Steering Group (ATFM & A-CDM/SG); and*
2. *the Terms of Reference (TOR) be amended to reflect the Steering Group name change (Appendix C to the Report on Agenda Item 3.2).*

Adoption of APAC Common SWIM Information Services, v1.0

2.3 To assist APAC States/Administrations in planning and implementing their SWIM information services, the following Decision as endorsed by CNS SG/29 was adopted by the APANPIRG/36:

Decision APANPIRG/36/11 – Adoption of APAC Common SWIM Information Services, v1.0

The first version of APAC Common SWIM Information Services, provided in Appendix A to the Report on Agenda Item 3.4, is adopted for immediate use by APAC States/Administrations. The set of APAC Common SWIM Information Services and the associated performance of SWIM Technical Infrastructure underpinning these services are not specified to support the provision of aircraft separation.

2.4 A separate working paper on the review of APAC Common SWIM Information Services business functionality will be presented under **Agenda Item 6**.

ATM/SG/13

Use of Digital Form for Status and Implementation Progress Report

2.5 To streamline data collection and improve monitoring and analysis of APAC States/Administrations' annual submissions on regional plan implementation (including the *Regional ATFM Plan Monitoring and Reporting Form* and the *Regional A-CDM Monitoring and Reporting Scheme*), ATM/SG/13 agreed the following Conclusion:

Conclusion ATM/SG/13-3: The Use of Digital Form to Collect Annual Regional ANS-related Monitoring and Reporting Data

That, the digital form (Microsoft Forms) be used as the primary means to collect annual regional ANS-related plans monitoring and reporting forms and data.

Operational Capacity Assessment Guidelines

2.6 To provide sample guidance for APAC States/Administrations to develop tailored guidance materials in response to specific MET event resulting in capacity disruption, ATM/SG/13 agreed the following Conclusion:

Conclusion ATM/SG/13-4: Addition Appendix to the Asia/Pacific Regional Framework for Collaborative ATFM

That, the Operational Capacity Guidelines from Republic of Korea to be added as an appendix to the next update Asia/Pacific Regional Framework for Collaborative ATFM.

Change Process of FIXM Version Used for APAC Cross-Border Operational ATFM

2.7 To ensure effective communication, interoperability, and reduced risk of incompatibility among ATFM systems within the APAC Region, as well as aligned implementations of all stakeholders, ATM/SG/13 agreed the following Conclusion:

Conclusion ATM/SG/13-5: Change Process of the FIXM Version Used for Asia/Pacific Cross-Border Operational ATFM System-to-System Information Exchange in SWIM

That, the change process for the Cross-Border FIXM Operating Version be:

- a) submit the proposed change to the FIXM version, in the form of Working Paper, to ATM/SG for review and assessment of its operational impacts and suitability in supporting regional operational requirements;*
- b) upon adoption by ATM/SG, submit the proposal to SWIM TF for review and assessment of its technical implications; and*
- c) following agreement by SWIM TF, submit a summary of the change proposal to ATM/SG for approval, and subsequently to APANPIRG for endorsement;*

and the content of change proposal be:

- d) name of State(s) or collaboration group, including the specific names of organizations, proposing the change;*
- e) proposed FIXM version;*
- f) reason(s) for the proposed change(s);*
- g) testing result of the proposed version; and*
- h) proposed timeframe for the change to take effect (a minimum lead time of 2 years is required);*

to be adopted as a regional process for revision of FIXM version for cross-border ATFM information exchange.

Asia/Pacific Regional A-CDM Monitoring and Reporting Scheme

2.8 To gather A-CDM implementation and operational status within the APAC Region for enhancement of common understanding of operational capability and enhancement to ATFM measures, ATM/SG/13 agreed the following Conclusion:

Conclusion ATM/SG/13-14: Normalization of Asia/Pacific Regional A-CDM Monitoring and Reporting Scheme

That, the trial Asia/Pacific Regional A-CDM Monitoring and Reporting Scheme to be normalized and adopted as part of the annual reporting framework.

Air Navigation Service Deficiencies List

2.9 ATM/SG/13 noted the Maldives' ongoing deficiency in the ATS Message Addressing field for non-compliance with procedures specified in the *Procedures for Air Navigation Services – Air Traffic Management* (PANS-ATM, Doc 4444) Section 11.4. It was informed that ICAO Secretariat would conduct another set of data collection, and the results would be presented at ATFM & A-CDM/16.

2.10 A separate working paper will be presented under **Agenda Item 7**.

Initiative on Establishing a Collaborative Operational Mechanism for Regional Air Traffic Flow Management in the Asia/Pacific Region

2.11 ATM/SG/13 was informed of the initiative discussed at the Third Meeting of the Asia and Pacific ANSP Committee (AAC/3) and the Fourth Meeting of the Asia and Pacific ANSP Committee (AAC/4), to establish a collaborative operational mechanism aimed at addressing information latency and coordination gaps via regular and ad-hoc web conferences.

2.12 Noting that the initiative's objectives and initial steps are similar to existing sub-regional ATFM programmes (e.g. AMNAC, NARAHG) and could pose duplication and strain on limited operational resources, ATM/SG/13 recommended that the concerned States/Administrations share details and further discuss the matter at ATFM & A-CDM/16. A separate working paper will be presented under **Agenda Item 6**.

Inclusion of ATFM-related Phraseologies Contained in ICAO Doc 9971 into ICAO Doc 4444

2.13 ATM/SG/13 noted that Doc 4444 stipulated start-up time procedures should be implemented when warranted by ATFM regulations, and when an aircraft was subject to ATFM regulations it should be advised to start up in accordance with its allocated slot time. However, Doc 4444 did not outline the phraseology to be used for communication between the ATC unit and pilots on ATFM operations, but those were contained in the *Manual on Collaborative Air Traffic Flow Management* (Doc 9971). Additionally, to improve situational awareness and CTOT compliance, harmonization was proposed to mandate inclusion of ATFM measures on controllers' flight progress strips to ensure Calculated Take-Off Time (CTOT) adherence.

2.14 Concerns were raised that stakeholders directly responsible for complying with flow restrictions (controllers and aircrew) may not routinely consult Doc 9971, while Doc 4444 was more commonly referenced. India recommended incorporating Doc 9971 phraseology into Doc 4444.

2.15 ATM/SG/13 suggested the following actions:

- a) India may respond to ICAO State Letter on the proposal for amendment (PfA) to Annex 11 and Doc 4444 related to ATFM; and/or
- b) India may propose an ATM/SG draft decision for APANPIRG to forward to the ICAO Air Navigation Commission; and/or
- c) India may pursue amendments through its nominated member at the ICAO Air Traffic Management Operations Panel (ATMOPSP).

MET SG/29

APAC Use Cases for SWIM-based Meteorological Information Services Supporting ATFM

2.16 To enhance the *APAC Use Cases for SWIM-based Meteorological Information Services Supporting ATFM* document, incorporating new use cases and editorial improvements to guide service development, supporting the development of appropriate MET information services and the associated SWIM-enabled MET applications to meet ATFM needs in the APAC Region, MET SG/29 adopted the following Decision.

Decision MET SG/29/12 – Updating the APAC Use Cases for SWIM-based Meteorological Information Services Supporting ATFM

That, the MET SG approves the Second Edition of the APAC Use Cases for SWIM-based Meteorological Information Services Supporting ATFM, subject to editorial improvements agreed by the meeting, for publication on the ICAO APAC eDocument website (WP/14, Attachment A).

3. ACTION BY THE MEETING

- 3.1 The meeting is invited to:
- a) note the information contained in this paper; and
 - b) discuss any relevant matters as appropriate.

— — — — —