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ATFM Steering Group Meeting Outcomes (WP/13)

ICAO ATM/SG/13, Singapore, 25-29 Aug 2025





ATFM Global Development

(2.2 – 2.5)

- PfA – Annex 11 and PANS-ATM (Doc 4444) presented to ICAO Air Navigation Commission (ANC) in May / June 2025
- Key Annex 11 changes in the PfA
 - Establish ATFM service for all controlled airspace and designated aerodromes
 - Establishment of ATFM unit & coordination among them
 - Designation of Flow Management Position (FMP)
- ICAO Manual on Collaborative ATFM (Doc 9971) being reviewed for publication with Annex 11 & PANS-ATM update
- **Expected applicability date: Nov 2030**



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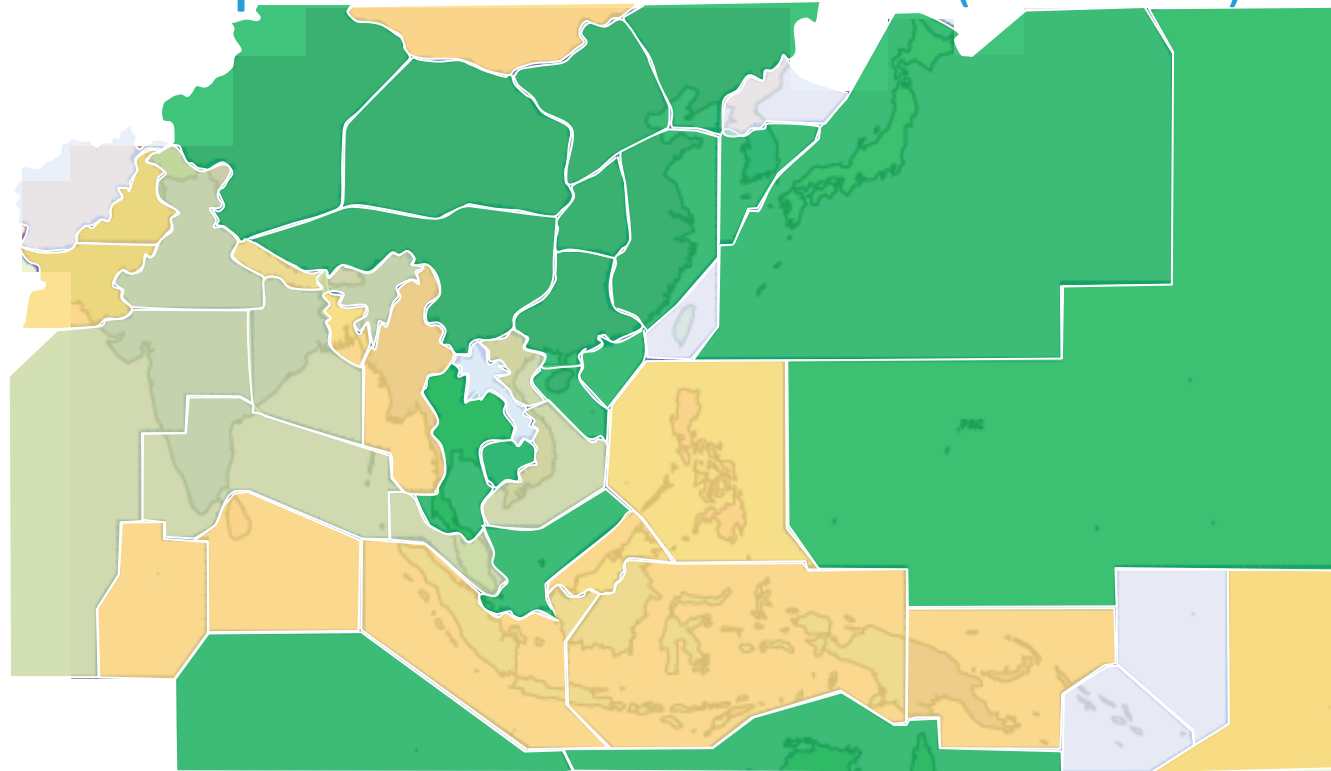
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Regional ATFM Implementation Status (2.6 – 2.13)

- Robust (9)
- Marginal (4)
- Incomplete (15)
- No Report (16)





Cross-Border ATFM Project Updates

(2.14 – 2.29)

- AMNAC (2.14 – 2.23)
 - Viet Nam achieving Level-3 ATFM Capability
 - ATFM Daily Plan (ADP) template review
 - Web-based Post-Ops Analysis dashboard
 - OCS – transparency issue in causes of ATFM delay
 - Regional approach to address low CTOT compliance situation



Cross-Border ATFM Project Updates

(2.14 – 2.29)

- NARAHG (2.24-2.29)
 - Joint optimization of Typhoon Detour Procedure
 - Expert group formed for trial of CTO to address delays at ZSPD
 - Next Step: finalization of CTO/CTOT implementation plans
 - NARAHG will be sharing ICD for ATFM communications & Common Operating Procedure with AMNAC



Afghanistan Airspace Situation & BOBCAT

(2.30 – 2.42)

- Afghanistan Contingency Arrangement
- Challenges in management of air traffic flow in Delhi FIR due to restrictions in the Kabul FIR
- Preparation for BOBCAT ATFM service resumption
 - Side meeting conducted – target implementation on **AIRAC 4 September 2025**



Proposed Enhancements to Regional Framework (2.43 – 2.62)

- Use of flow rate
- Harmonization of ATS procedures with provisions of ATFM – CTOT communication phraseology
- Methodology to calculate airborne delay reduction, fuel savings and CO₂ emissions reduction due to implementation of ATFM
- Operational Capacity guidelines linked to weather



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Proposed Enhancements to Regional Framework (2.43 – 2.62)

Conclusion ATM/SG/13-X: Addition of 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.



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Regional A-CDM Implementation Monitoring (2.63 – 2.67)

Decision ATM/SG/13-X: 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 as part of the annual reporting framework.



Amendments to the APAC Region AFTN/AMHS-based ICD for ATFM v2.0 (2.68 – 2.72)

- Harmonize use of fields for indicating the designation and reason for the ATFM measure, in support of enhanced post-ops analysis
- Harmonize use of REGUL and REGCAUSE
- ICAO Secretariat will submit draft conclusion to ACSICG meeting in 2026



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Amendments to the APAC Region AFTN/AMHS-based ICD for ATFM v2.0 (2.68 – 2.72)

Draft Conclusion ATFM/SG/15-2: Adoption of AFTN/AMHS-based Interface Control Document (ICD) to the Asia/Pacific Regional Framework for Collaborative ATFM

That, the revised AFTN/AMHS-based Interface Control Document at at Appendix D to the Meeting Report be uploaded to the ICAO Asia/Pacific Regional Office website, to replace the existing version, for use by Asia/Pacific States/Administrations in implementing cross-border ATFM communications in accordance with the provision of the Regional Framework for Collaborative ATFM.



FIXM v4.3 & Change Process for FIXM Version (2.73 – 2.82)

- ATFM/SG/15 agreed upon the list of data attributes to be included in the regional FIXM v4.3 Extension – to be proposed to SWIM TF/10 (May 2025 – ATM/SG/13 – WP/12)
- ATFM/SG/15 agreed upon change process for proposing new FIXM Version for Cross-Border Operational ATFM System-to-System Information exchange in SWIM



FIXM v4.3 & Change Process for FIXM Version (2.73 – 2.82)

Conclusion ATM/SG/13-X: 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 ATFM/SG for review and assessment of its operational impacts and suitability in supporting regional operational requirements;
- b) upon adoption by ATFM 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:

- a) name of State(s) or collaboration group, including the specific names of organizations, proposing the change;
- b) proposed FIXM version;
- c) reason(s) for the proposed change(s);
- d) testing result of the proposed version; and
- e) 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.



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Future of APAC ATFM Service

(2.83 – 2.105)

- Outcomes of Special Topic Meeting on the Future of APAC ATFM
- Proposal for a Collaborative APAC ATM Cloud Network (ACN)
- Industry's Contribution to Regional ATFM
- Establishment of ATFM Concept Design Ad-Hoc Group



Future of APAC ATFM Service

(2.83 – 2.105)

Decision ATFM/SG/15-6: Establishment of Asia/Pacific ATFM Concept Design Ad-Hoc Group

That, ATFM/SG establishes the Asia/Pacific ATFM Concept Design Ad-Hoc Group to review and redesign the regional ATFM concept of operations, considering the challenges of the current operations and the advent of new capabilities and concepts including but not limited to SWIM, FF-ICE, TBO. Key deliverable of the Ad-Hoc Group will be the new version of Asia/Pacific Regional ATFM Concept of Operations, guided by the group's Terms of Reference (TOR) as Appendix E to the Meeting Report.



APAC Common SWIM Information Services

(2.106 – 2.109)

- Initial information services proposed
 - ATFM/A-CDM integrated service
 - Traffic flow status service
- Feedback provided to SWIM TF/10 (May 2025) (ATM/SG/13 – WP/12 – Appendix A)
 - Flight-specific ATFM measure service
 - ATFM/A-CDM integration service
 - Excluded services
 - ATFM Daily Plan distribution service
 - Flow-specific ATFM measure service



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Subsequent Developments since ATFM/SG/15 (2.110 – 2.112)

- BOBCAT ATFM Service Resumption
- ATFM Concept Design Ad-hoc Group



Subsequent Developments since ATFM/SG/15 (2.110 – 2.112)

- BOBCAT ATFM Service Resumption
 - Model AIP, Bay of Bengal & South Asia ATFM Handbook and ANSP Training Guidelines shared to States/Administrations & aircraft operators concerned
 - Introduction Training Session <<http://youtu.be/ximwgB9B7yg>>
 - Hands-on Training Session conducted
 - “Dry Run” Training: 18 Aug – 1 Sep 2025



Subsequent Developments since ATFM/SG/15 (2.110 – 2.112)

- ATFM Concept Design Ad-hoc Group
 - Established with membership from 11 States/Administrations, CANSO and IATA
 - Held first teleconference on 10 June 2025
 - Elected members from China and Thailand co-rapporteurs
 - Expected delivery: draft revised Regional ATFM Concept of Operations (for adoption by ATFM/SG/17 in 2027)



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