



International Civil Aviation Organization

ICAO

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

Video Teleconference, 17 – 21 October 2022

Agenda Item 3: Performance Frameworks and Metrics

**ATM RELATED REGIONAL GUIDANCE AND PLANS UPDATE CYCLE,
STANDARDISED REPORTING FORMAT AND REPORTING DATE**

(Presented by Secretariat)

SUMMARY

This paper proposes a revised due date and standardised format for the various State reports of the implementation status of the SAR, Collaborative ATFM, Collaborative AIM and the ATM contingency plan and a proposal for the document review cycle of ATM related Regional guidance materials and Plans.

1. INTRODUCTION

1.1 The APAC Seamless ANS plan outlines regional implementation strategy, and includes references to the subsidiary Asia/Pacific planning documents in the fields of Air Traffic flow Management (ATFM), Aeronautical Information Management (AIM), Regional ATM contingency planning & Search & Rescue (SAR). State reports of the implementation status of the performance objectives of these ATM-related regional plans were established on the basis of the generally expected scheduling of the related technical meetings. In recent years (including pre-COVID-19) the scheduling of these meetings has become more variable, as the region responds flexibly to other demands, for example such as the moving forward of regional meetings to accommodate major global and regional meetings such as the ICAO Assembly, the Air Navigation Conference, APANPIRG and/or DGCA Conference.

1.2 In order to monitor the status of States' implementation, the implementation monitoring reporting forms are received from States on an annual basis. There are various formats collected in the different reporting forms. In addition, there are different submission timelines for the four reporting forms.

1.3 Furthermore, the hierarchy of ATM-related regional planning documents and their relationship to the Global Air Navigation Plan (GANP) and its Aviation System Block Upgrade (ASBU) scheme can result in high intensity and potentially onerous review work being done in parallel with the as yet unfinished review process of other plans with which they have dependencies. The best example of this is seen in the 2019 review of the Asia/Pacific Seamless ANS Plan, which was conducted in parallel to the major revision of the GANP.

2. DISCUSSION

Revised Due Date and Format for Implementation Status Reports

2.1 First presented at the Eleventh Meeting of the (APAC) Air Traffic Flow Management Steering Group (ATFM/SG/11, August 2021), ICAO informed the meeting that a common reporting date of 28 February was being considered for ATM-related implementation status reports provided against the performance expectations of regional plans including the Regional Framework for Collaborative ATFM, Regional Plan for Collaborative AIM, Regional SAR Plan and Regional ATM Contingency Plan. This would ensure that the reported data is received sufficiently early to facilitate implementation reporting to the relevant technical group while allowing flexibility in the scheduling of technical meetings. Many APAC Administrations already bundle their status reports into a single email to the APAC Regional Office annually

2.2 Thus, it is proposed to align the reporting dates of the mentioned implementation status reports in **Table 1** to a common date of 28th February each year. In addition, it is also proposed to standardise the reporting format of the forms #1 - #4 to percentages for example: 25%, 50%, etc... for consistency and clarity (Shown in **Table 1**).

No.	Name of form	Current Resolution of inputs by States	Conclusion Ref & Timeline of submission	Revised format of States' Inputs	Revised Date of submission
1	Regional AIM Plan Monitoring and Reporting Form	Percentages	Conclusion ATM/SG/7-16: Amendment to the Regional Plan for Collaborative AIM: Annually by not later than 30 April each year	No change - Percentages	28 February each year
2	Regional SAR Plan Monitoring and Report Form	Range of Decimal points	Nil	Percentages	28 February each year
3	Regional ATFM Plan Monitoring and Reporting Form	Values: 0.0, 0.5 & 1.0	Conclusion ATM/SG/5-3: Asia/Pacific Regional Framework for Collaborative ATFM Amendment: Annually by not later than 30 April each year	Percentages	28 February each year
4	Regional ATM Contingency Plan Monitoring and Reporting Form	Values: 0.0, 0.5 & 1.0	Conclusion ATM/SG/5-8: Asia/Pacific Regional ATM Contingency Plan Amendment: Annually, by no later than 31 May each year	Percentages	28 February each year
5	Annual PBCS survey of implementation status of performance based horizontal separation minima	Y/N	SL T3/10.1.16-AP064/16 (ATM) – 24 June 2016 Conclusion RASMAG/22-3: Performance-Based Separation Implementation Survey. Annually by not later than 30 April each year	No Change – Y/N	28 February each year

Table 1: Comparison of reporting forms

2.3 The meeting is invited to note that each reporting form may be tailored by the relevant technical body to account for specific element reporting requiring *yes/no* responses or similar.

2.4 The meeting is also invited to note the agreement of the Future Air Navigation Services (FANS) Interoperability Team – Asia (FIT-Asia) and the APANPIRG Sub-Group to which it reports, the Regional Airspace Safety Monitoring Advisory Group (RASMAG), to the revised reporting date of 28 February each year for data link performance data and the annual survey of the status of current and planned implementation of performance-based separation minima. **Conclusion RASMAG/27-2: Updated Reporting of PBCS Implementation Status and Performance Monitoring Data** refers.

2.5 The meeting is invited to agree to the following Draft Conclusion:

Draft Conclusion ATM/SG/10-X: Revised Reporting Date for ATM Regional Plans' Implementation Status Monitoring

That,

1. States are urged to report their implementation status of the performance expectations of the following regional plans by not later than 28 February each year:
 - a) Regional ATM Contingency Plan;
 - b) Regional Framework for Collaborative ATFM;
 - c) Regional Plan for Collaborative AIM; and
 - d) Regional SAR Plan; and
2. The implementation reporting forms for each of these regional plans be updated to provide for reporting in percentages of implementation.

This Conclusion supersedes the status reporting requirements of Conclusions ATM/SG 5-3, 5-8 and 7-16,

Current Interval Period of Document Review

2.6 The review of the GANP and the various ATM related plans follows a nominal duration as shown in **Table 2**.

Review of ICAO Document	Duration
GANP	Major review every 6 years
Asia/Pacific Seamless ANS plan	Every 3 years commencing 2019
Asia/Pacific SAR Plan	Every 3 years
Asia/Pacific Framework for Collaborative ATFM	Every 3 years
Asia/Pacific Region ATM Contingency Plan	Every 3 years
Asia/Pacific Regional Plan for Collaborative AIM	Every 3 years

Table 2: Current document review cycle

2.7 Therefore, in order to provide meaningful and effective review of such documents when they are updated, sufficient period should be provided for the dependent ATM- related documents for review after the revision of the umbrella document – GANP has been finalised by the ICAO Assembly.

Proposed Document Review Cycle

2.8 **Figure 1** provides the proposed, revised schedule for the Asia Pacific ATM-related document review. The review of APAC Seamless ANS plan would be conducted in 2023, with the inclusion of APAC Seamless ANS plan PASL phase IV which is not yet developed, and subsequently another year for the review of the relevant APAC subsidiary plans. The next review of the APAC Seamless ANS plan would then be scheduled for 2026 one year after the GANP revision in 2025.

2.9 The milestone of Phase IV of the APAC Seamless Plan elements has an expected implementation by 27 November 2025 (APAC Seamless ANS Plan V3.0). The APAC States are invited to formulate performance Objectives of the Phase IV of the APAC Seamless Plan Preferred ANS Service Levels (PASL).

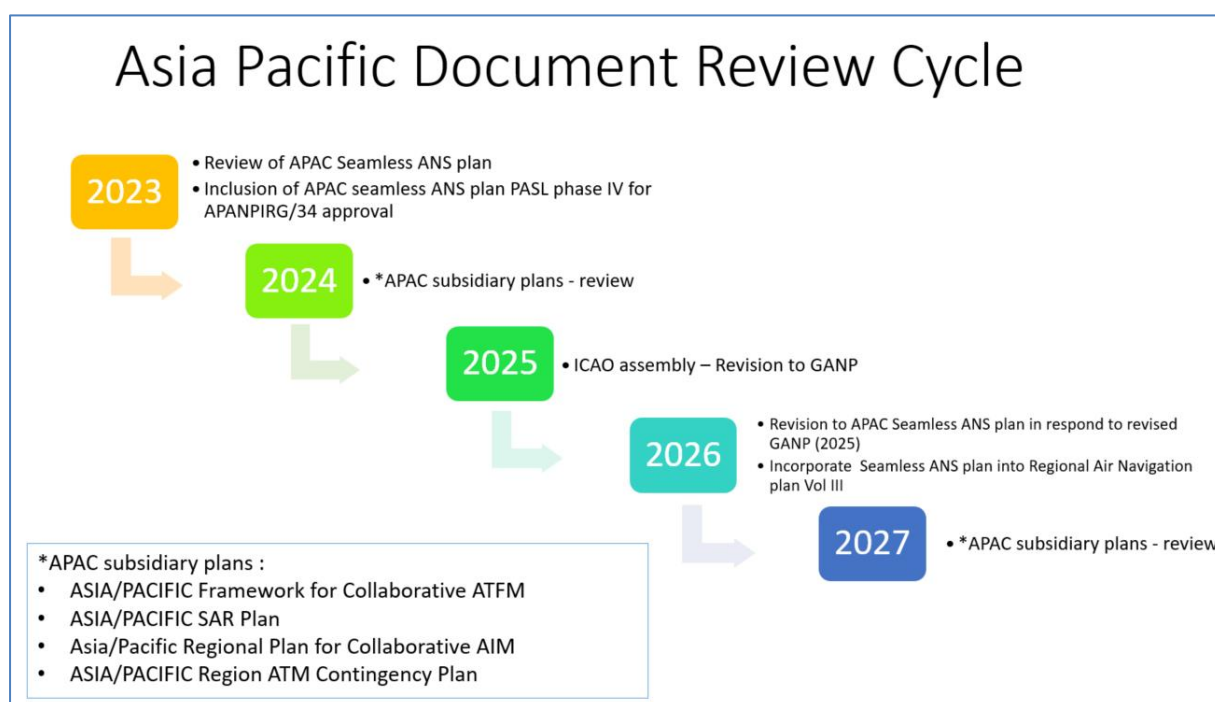


Figure 1: Proposed ATM related Document Review Cycle

2.10 The meeting is invited to note that the revised Seamless ANS Plan review cycle is intended be included in the text of the 2023 update of the Plan, and supported by the relevant APANPIRG Conclusion (ATM/SG Draft Conclusion) adopting the revised Seamless ANS Plan version 4.0. Similarly, the revised review cycle of subsidiary guidance documents will be included in the text of their subsequent updates, and supported by the relevant ATM/SG Conclusions.

2.11 Further detail on the proposal for the Seamless ANS Plan update is provided in **ATM/SG/10 WP05**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) Discuss and agree to **Draft Conclusion ATM/SG/10-X: Revised Reporting Date for ATM Regional Plans' Implementation Status Monitoring** – revised common reporting date of 28th February each year and revised format;
- c) Discuss and agree to the proposed ATM related Document Review Cycle;
- d) Nominate a **single Point of Contact** for State/Administration participation in the 2023 Update of the Seamless ANS Plan; and
- e) discuss any relevant matters as appropriate.

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Draft Conclusion ATM/SG/10-X: Revised Reporting Date for ATM Regional Plans' Implementation Status Monitoring	
<p>What: That,</p> <p>1. States are urged to report their implementation status of the performance expectations of the following regional plans by not later than 28 February each year:</p> <ol style="list-style-type: none"> a) Regional ATM Contingency Plan; b) Regional Framework for Collaborative ATFM; c) Regional Plan for Collaborative AIM; and d) Regional SAR Plan; and <p>2. The implementation reporting forms for each of these regional plans be updated to provide for reporting in percentages of implementation.</p> <p><i>This Conclusion supersedes the status reporting requirements of Conclusions ATM/SG 5-3, 5-8 and 7-16</i></p>	<p>Expected impact:</p> <p><input type="checkbox"/> Political / Global</p> <p><input type="checkbox"/> Inter-regional</p> <p><input type="checkbox"/> Economic</p> <p><input type="checkbox"/> Environmental</p> <p><input checked="" type="checkbox"/> Ops/Technical</p>
<p>Why: To provide for a common reporting date ensuring data is provided in time for review and analysis by the relevant technical group, and to standardize where appropriate the implementation reporting format.</p>	<p>Follow-up: <input checked="" type="checkbox"/> Required from States</p>
<p>When: 21-Oct-22</p>	<p>Status: Draft to be adopted by Subgroup</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>	