



ICAO

International Civil Aviation Organization

**The Ninth Meeting of the APANPIRG ATM Sub-Group
(ATM/SG/9)**

Video Teleconference, 01 – 05 November 2021

Agenda Item 8: ATM/SG Task List Updates

APANPIRG ATM SUB-GROUP TERMS OF REFERENCE AND TASK LIST

(Presented by the Secretariat)

SUMMARY

This paper presents the ATM/SG Terms of Reference (TOR) and Task List for review and update by the meeting.

1. INTRODUCTION

1.1 The ATM/SG Terms of Reference (TOR) and Task List are presented for review and update by the meeting.

2. DISCUSSION

2.1 Participants are invited to review the ATM/SG TORs (**Attachment A**). Any proposal for amendment to the TORs should be coordinated offline with the Secretariat for consideration by either APANPIRG/32 (November 2021) or ATM/SG/10 in 2022.

2.2 The ATM/SG Task List is presented for review and update **Attachment B**.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) update the Task List; and
- b) discuss any relevant matters as appropriate.

TERMS OF REFERENCE OF AIR TRAFFIC MANAGEMENT SUB-GROUP OF APANPIRG

Terms of Reference of Air Traffic Management Sub-Group of APANPIRG (ATMSG)

The Objectives of the ATM/SG are to:

- 1) *ensure the continuous and coherent development of the ATM/AIM/SAR parts of the Asia/Pacific Regional Air Navigation Plan (APAC ANP) in a manner that is harmonized with adjacent regions, consistent with ICAO SARPs, the Global Air Navigation Plan and the Global Aviation Safety Plan;*
- 2) *facilitate the implementation of ATM systems, procedures and services identified in the APAC ANP, Aviation System Block Upgrade (ASBU) priority modules and Asia/Pacific Seamless ATM Plan elements using the project management principles where appropriate;*
- 3) *review, identify and address deficiencies that impede the implementation or provision of efficient ATM services in the Asia and Pacific Regions.*

Deliverables to meet the Objectives:

- 1) *Progress report to be **submitted** to APANPIRG addressing the ATM SG deliverables (listed in 2 to 9 below);*
- 2) *ATM parts of the ASIA/PAC ANP to be **reviewed** and, as necessary, amendment proposals **prepared** to update the APAC ANP to reflect changes in the operational and global requirements;*
- 3) *Level of implementation of ATM services to be **monitored** and, as necessary, **facilitated** to support the effective implementation of ASBU priority modules and the Asia/Pacific Seamless ATM Plan elements;*
- 4) *Air navigation deficiencies in the field of ATM to be **identified** (which may require any necessary systems performance monitoring to be **facilitated**) and, where necessary, appropriate corrective action **proposed** and the development and implementation of action plans by States to resolve identified deficiencies **facilitated**;*
- 5) *Air navigation deficiencies in the field of ATM (as listed in the APANPIRG database) to be **reviewed** and, as necessary, **updated** to reflect the current situation;*
- 6) *Research and development, trials and demonstrations in the field of ATM and other relevant areas to be **monitored** and, as necessary, the transfer of this information and expertise between States **facilitated**;*
- 7) *Specific recommendations to be **made**, and guidance materials **developed**, aimed at improving aeronautical meteorological services by the use of existing and/or new procedures, facilities and technologies;*
- 8) *Inter-regional and intra-regional co-ordination issues in the field of ATM to be **reviewed** and **identified** and, as necessary, actions **recommended** addressing those issues;*
- 9) *ATS environmental initiatives are consistently identified and progressed; and report outcomes from ATM environmental initiatives;*
- 10) *Draft Conclusions and Decisions to be **formulated** relating to matters in the field of ATM that come within the scope of the APANPIRG work plan.*

Approved by APANPIRG/26, September 2015

ATM Sub Group of APANPIRG — TASK LIST

The priorities assigned in the list have the following connotation:

A = Tasks of a high priority on which work should be expedited; and

B = Tasks of a medium priority on which work should be undertaken as soon as possible but not to the detriment of Priority “A” tasks.

(Last update November 2020, amendments are shown in highlight)

| ACTION ITEM & PRIORITY | DESCRIPTION | TARGET DATE | RESPONSIBLE PARTY | STATUS | REMARKS |
|--|---|----------------|--|-------------|---------|
| <p>18/8 Priority A</p> | <p><u>Identify and manage Deficiencies in the ATM, AIS and SAR fields</u></p> <p>a) Develop and maintain Deficiencies list, b) Identify unimplemented items in the ANP, c) Assist States to correct deficiencies, d) Promote timely resolution of safety-critical items identified by APANPIRG</p> | <p>ONGOING</p> | <p>Functional Responsibility: No specific working group established, all parties have responsibilities in this area (States, Users, International Organisations, Regional Office, ATMSG APANPIRG)</p> | <p>OPEN</p> | |

| ACTION ITEM & PRIORITY | DESCRIPTION | TARGET DATE | RESPONSIBLE PARTY | STATUS | REMARKS |
|---|--|-----------------|---|-------------|---|
| <p>18/9 Priority B</p> | <p><u>SAR Matters</u> Assist appropriate provision of SAR facilities, services and procedures within the Asia Pacific Region by:</p> <p>a) Periodic review of SAR facilities, services and procedures in the region, b) Encourage States to delegate or negotiate SAR services, c) Asia/Pacific SAR Plan Assessment be kept up to date and distributed to States for information and action., d) Asia/Pacific “Register of SAR Agreements” be kept up to date and distributed to States for information and action</p> | <p>ONGOING</p> | <p>States, Regional Office, APSARWG ATM/AIS/SAR/SG APANPIRG</p> | <p>OPEN</p> | <p>States to update the ATM/SG and APSAR/WG each year on SAR capability</p> |
| <p><u>22/1</u> Priority B</p> | <p><u>Review and Update the Asia/Pacific Route Catalogue</u></p> | <p>On-going</p> | <p>IATA, ATM Coordination Groups,_ATM/SG</p> | <p>OPEN</p> | |

| ACTION ITEM & PRIORITY | DESCRIPTION | TARGET DATE | RESPONSIBLE PARTY | STATUS | REMARKS |
|------------------------|---|-------------|---|--------|--|
| <u>2/3</u> | <p>Secretariat to follow-up on ATM/SG/2 comments relating to Doc 7030 PfAs for Performance Based Airspace, and modify the PfAs as necessary before formal circulation to States.</p> <ul style="list-style-type: none"> • Annex 10 requirement for <i>equipped</i> rather than <i>serviceable</i>; • IATA concerns regarding same; • Re-wording of sub-paragraph relating to enhanced service delivery; • Clarification of non-applicability to State aircraft (Article 3 of the Convention); | ATM/SG/8 | ICAO | CLOSED | Closed at ATM/SG/8 |
| <u>4/1</u> | Analysis of ANSPs which failed to send Departure (DEP) messages, notify the States and raise deficiencies | ATM/SG/9 | ICAO | Open | Some States were not Asia/Pacific so were just subject to notification |
| <u>4/3</u> | States were urged to respond to the State Letters that would be circulated to advise of their FIR/SRR status. | ATM/SG/8 | ICAO (State Letter), States (response) | CLOSED | Closed at ATM/SG/8 |
| <u>4/5</u> | The Philippines was requested to provide an update on progress of the implementation of operational ADS-C/CPDLC services | SEACG/27 | Philippines | CLOSED | FIT-Asia 10 updated Closed at ATM/SG/8 |
| <u>5/3</u> | Multi-Nodal ATFM Operational Trial Group and NARAHG to harmonize ATFM measures. | ATM/SG/8 | China, Japan, Republic of Korea, Hong Kong China, Singapore, Thailand, other relevant Multi-Nodal ATFM project States | CLOSED | ATFM/SG to manage Closed at ATM/SG/8 |

| ACTION ITEM & PRIORITY | DESCRIPTION | TARGET DATE | RESPONSIBLE PARTY | STATUS | REMARKS |
|-----------------------------------|--|-------------------------------|--|---------------|---------------------------------------|
| <u>5/5</u> | Phase 2 of the Alphanumeric Call Sign Project report to ATM/SG/7 | ATM/SG/9 | IATA/States | Open | |
| <u>5/8</u> | Follow-up on Mumbai/Mogadishu/Seychelles FIR route PfA | ATM/SG/9 | India, ICAO | Open | Coordinate with ICAO ESAF and States. |
| <u>6/1</u> | After discussions about the Ministerial Declaration's priorities, the meeting agreed that an effective means of monitoring would be a publically-available implementation progress report. | ATM/SG/9 | ICAO | Open | |
| <u>6/3</u> | The Secretariat requested that the States that had participated in the missing FPL and DEP data gathering activity conduct another such activity at a future date yet to be coordinated | ATFM/SG 10 | Australia China India Japan Singapore Thailand | CLOSED | Duplicate 4/1 Closed at ATM/SG/8 |
| <u>7/1</u> | A survey of Asia/Pacific implementation of the new SID/STAR phraseology would be circulated in Q3 2019 and Q1 2020 | ATM/SG/9 | ICAO | Open | |
| <u>7/2</u> | ICAO suggested that Afghanistan provide an outline of its action plan to ICAO that demonstrated how they would overcome the surveillance and communication issues. | ATM/SG/9 | Afghanistan | Open | |
| <u>7/3</u> | The Philippines would provide an amended draft Letter of Agreement (LoA) to reflect the 50NM longitudinal spacing change to Indonesia as soon as possible. | September 2019 | Philippines | CLOSED | Closed at ATM/SG/8 |
| <u>7/4</u> | India was requested to provide a draft of a contingency ATFM response concept. | ATFM/SG/ 10 -11 | India Thailand Secretariat | Open | |

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|------------------------|---|------------------|-----------------------------------|--------|---|
| <u>7/5</u> | The SCSTFRG/7 meeting had agreed to the designation of ATS routes L642, M771 and N891 as RNAV 2/RNP 2 to enable reduced lateral spacing, and Air Traffic Management Research Institute (ATMRI) to conduct airspace modelling and simulation to determine the effectiveness and facilitate in the analysis of the proposed parallel route to L642 and M771 | SEACG/27 | Singapore, Hong Kong China, China | CLOSED | Transferred to SEACG/SCSTFRG Closed at ATM/SG/8 |
| <u>7/6</u> | Neighbouring States were urged to expedite action to resolve ICARD anomalies associated with FIR boundary waypoints (named APAC States – and ICAO to coordinate with other States through their Regional Offices). | AAITF/15 | Name States ICAO | CLOSED | Closed at ATM/SG/8 |
| <u>7/7</u> | Circulate an invitation to ATFM experts to support the proposal in the Decision by encouraging subject matter experts from ATFM/SG to participate in an ad-hoc group to develop use cases and user requirements for future SWIM-based MET information services supporting ATFM (in consultation with ATFM/SG Chair, notify ATFM/SG participants and request they engage/participate). | 30 November 2019 | ICAO Chair ATFM/SG | CLOSED | |
| <u>7/8</u> | Fiji informed the meeting that Nauru had completed an AIP, and would facilitate contact between Nauru and ICAO to remove the APANPIRG Deficiency | September 2019 | Fiji | CLOSED | Transferred to the AAITF/16 Closed at ATM/SG/8 |
| <u>7/9</u> | Coordinate and Report UAS developments with/from other APAC regional bodies, other ICAO regions, UAS-AG and JARUS | Ongoing | Secretariat | CLOSED | Residual task following dissolution of APUAS/TF Closed at ATM/SG/8 |

| ACTION ITEM & PRIORITY | DESCRIPTION | TARGET DATE | RESPONSIBLE PARTY | STATUS | REMARKS |
|------------------------|--|---------------|--|--------|--------------------|
| <u>7/10</u> | WP on ATM/SG/7 Appendix G amendments | SAIOACG/10 | India | CLOSED | Closed at ATM/SG/8 |
| <u>8/1</u> | The ATM/SG/8 meeting noted that ICAO intended to circulate a new survey to update the data on separations/TOC/ Flight Level Allocation Scheme (FLAS) held by the Regional Office in December 2020 or January 2021. | February 2021 | ICAO | Open | |
| <u>8/2</u> | ICAO recalled the need for a Doc. 7030 amendment to contain a regional air navigation agreement for a mandate within that portion of international airspace over the ‘high seas’. The meeting also noted that there were a number of other States contemplating the use of ADS-B within international airspace, including SB ADS-B, so it would be better to have several States jointly submit a PfA. The Chair encouraged a Small Working Group of interested States to work on the PfA. | February 2021 | ICAO/States (including Hong Kong China, India) | Open | |

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