



ICAO

International Civil Aviation Organization

**Twelfth Meeting of the Air Traffic Management Sub-Group
(ATM/SG/12) of APANPIRG**

Bangkok, Thailand, 23 – 27 September 2024

Agenda Item 8: Any other business

UPCOMING ATM ACTIVITIES BY THE ICAO APAC REGIONAL SUB-OFFICE

(Presented by Secretariat)

SUMMARY

This paper updates the upcoming ATM projects in 2024 planned by the ICAO Regional Sub-office to facilitate the implementation of the Air Navigation Service elements in the APAC Region.

1. INTRODUCTION

1.1 As part of the Asia and Pacific (APAC) Regional Office in Bangkok, the APAC Regional Sub-Office (RSO) is primarily responsible for supporting APAC States in improving airspace management and maximizing Air Traffic Management (ATM) performance. The aim is to meet the growth in traffic without compromising safety.

1.2 The mandate of the RSO is to help facilitate the efficient management of the airspace and the international air traffic flows in the APAC Region, through the implementation of Airspace Organization and Management (AOM), Collaborative Decision Making (CDM) and Air Traffic Flow Management (ATFM). This includes assistance to improve ATFM capability in States, implementation of Performance-Based Navigation (PBN) in en-route and terminal airspace, approach procedures, enhancement of civil-military cooperation in ATM, and improvement of traffic flows (review of ATS route networks) in the APAC Region.

1.3 The APAC RSO closely coordinates with Regional Officers from the Regional Office in Bangkok and, as necessary, with Technical Officers of the Air Navigation Bureau (ANB) at ICAO HQ. Several operational meetings, workshops and webinars will be hosted by RSO this year to facilitate the above-mentioned ATM implementation.

2. DISCUSSION

Operational Meetings and Focus Groups for the APAC

2.1 The South China Sea Traffic Flow Review Group (SCSTFRG) and the Bay of Bengal Traffic Flow Review Group (BOBTFRG) are the two ad hoc Small Working Groups formed by APANPIRG, subordinated to the South Asia, Indian Ocean, and Southeast Asia ATM Coordination Group (SAIOSEACG).

2.2 The upcoming SCSTFRG/12 will be held in Bangkok, Thailand, from November 11-12 (Monday and Tuesday). More details can be found on the meeting webpage at icao.int/APAC/Meetings/Pages/2024-SCSTFRG-12.aspx

2.3 The BOBTFRG/6 will be held from November 14 to 15 (Thursday and Friday) in the same week and venue as the SCSTFRG/12. More details can be found on the meeting webpage at [icao.int/APAC/Meetings/Pages/2024-BOBTFRG-6.aspx](https://www.icao.int/APAC/Meetings/Pages/2024-BOBTFRG-6.aspx).



Figure 1: Map for SCSTFRG and BOBTFRG.

2.4 Subsequently, the outcomes of both SCSTFRG and BOBTFRG will be reported to the upcoming SAIOSEACG/4 (March 18th—21st, 2025, Bangkok, Thailand).

Free Route Airspace (FRA) Workshop

2.5 The second Free Route Airspace (FRA) Implementation Workshop in the APAC Region is scheduled for November 13th, 2024 (Wednesday). This event will strategically align with the SCSTFRG/12 (November 11-12, Monday and Tuesday) and BOBTFRG/6 (November 14-15, Thursday and Friday) meetings, enhancing the efficiency of collaborative efforts and maximizing travel economy for participants. The workshop aims to:

- a) Build a comprehensive understanding of FRA by discussing technical, regulatory, and operational aspects.
- b) Encourage active participation and collaboration, sharing challenges and best practices.
- c) Provide Member States with the knowledge and tools needed to transition to Free Route Airspace, aligning with global trends.

2.6 The Workshop offers a real opportunity for the APAC region to advance its airspace management systems. By participating, Member States will gain valuable insights into FRA deployment and contribute to a more efficient and environmentally friendly future for international aviation.

2.7 Member States, Administrations, and International Organizations are invited to share their experiences and lessons learned. For further information, find the meeting webpage at [icao.int/APAC/Meetings/Pages/2024-FRA-IMPLEMENTATION-WORKSHOP-2.aspx](https://www.icao.int/APAC/Meetings/Pages/2024-FRA-IMPLEMENTATION-WORKSHOP-2.aspx).

Webinar on Civil-Military Cooperation in ATM

2.8 The upcoming Webinar on Civil-Military Cooperation in ATM for the APAC Region is scheduled for November 20th – 21st, 2024 to assist member States in enhancing Civil-Military ATM

Cooperation and implementing Flexible Use of Airspace (FUA). The workshop will provide:

- a) Help the States get updated information and provide practical guidance on the ICAO documents including Doc 10088 etc. related to civil-military cooperation in ATM.
- b) Share latest progress, experiences, challenges and solutions on the implementation of civil-military cooperation in ATM and FUA from the States in the region.
- c) Case study on how to enhance civil/military cooperation in ATM by key stakeholders and International Organizations with special focus on the constructing and improving the 3-level airspace management framework and operations with FUA concept.

2.9 The webinar's target audience is personnel from both civil and military working in the area of civil-military cooperation in ATM, including but not limited to civil aviation regulators, ANSPs, airspace designers and managers, air traffic controllers, airline operators, officers of military authority, military air traffic controllers and relevant international organizations, etc.

2.10 States are encouraged to coordinate with military counterparts to participate in the webinar, and share the best practices and lessons learned about the implementation of civil-military cooperation in ATM and FUA from both civil and military perspectives. In addition, the Webinar will have interactive Q & A sessions to facilitate participants' understanding of the related subjects.

2.11 States, Administrations, and International Organizations who are interested in making contribution to the workshop as a speaker, contact Deputy Chief of RSO, Ms. ZHANG Ying, at yingzhang@icao.int. For further information about the Webinar, find the webpage at icao.int/APAC/Meetings/Pages/2024-CMAC-FUA-Webinar.aspx.

UAS/RPAS Webinar

2.12 The Asia-Pacific Regional Sub-Office is pleased to announce that it will host a webinar focused on Unmanned Aircraft Systems (UAS) and Remotely Piloted Aircraft Systems (RPAS) from the 11th to the 12th of December 2024.

2.13 The webinar aims to convene representatives from government regulatory bodies, air navigation service providers, academic institutions, and industry operators. This gathering will facilitate a rich exchange of best practices, learned lessons, and challenges encountered in the following areas:

- a) Update on the latest developments at ICAO in regard of the latest developments of the ICAO regulatory framework, particularly concerning UAS Beyond Visual Line of Sight (BVLOS) operations for regulators.
- b) Latest updates from States and international organizations on the development of national systems to enhance aviation safety and efficiency, including: current ICAO regulations pertinent to UAS/RPAS, with a focus on strategies for the detection and mitigation of unauthorized drones around airports; recent advancements in technology for detecting illegal drones; exchange of countermeasures and best practices for managing unlawful drone activities within the Asia-Pacific region; insights into the operational benefits and experiences from the field, etc.

All presentations should be anticipated with the possibility of interaction with participants during the Q & A sessions.

2.14 We cordially invite States, Administrations, and International Organizations to participate in the UAS/RPAS Webinar. We particularly encourage contributions from those with practical experience in countering illegal drones at airports. Sharing your experiences, lessons learned, and

technologies for detecting and identifying unauthorized drones would be immensely valuable to the discourse. For further information, contact the Regional ATM Officer, Mr. Kwon Hyuk Jin at Hykwon@icao.int.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper;
- b) provide speakers for the upcoming Workshops/Webinars planned by RSO;
- c) promote the above-mentioned Workshops/Webinars to the target participants; and
- d) discuss any relevant matters as appropriate.

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