



INTERNATIONAL CIVIL AVIATION ORGANIZATION

TWENTY SIXTH MEETING OF THE ASIA/PACIFIC AIR NAVIGATION
PLANNING AND IMPLEMENTATION REGIONAL GROUP
(APANPIRG/26)

Bangkok, Thailand, 7 – 10 September 2015

Agenda Item 3: Performance Framework for Regional Air Navigation Planning and Implementation

3.6: Other Air Navigation Matters

ACTIVITIES OF ICAO ASIA AND PACIFIC REGIONAL SUB-OFFICE IN 2015

(Presented by the Secretariat)

SUMMARY

This Information Paper provides an update on the 2015 activities and progress of the ICAO Asia and Pacific Regional Sub-Office (APAC RSO). The ICAO APAC RSO was established in June 2013 aiming to provide implementation support assistances to APAC States and Administrations in ATM enhancement activities, including Airspace Organisation and Management (AOM), Air Traffic Flow Management (ATFM) and Collaborative Decision Making (CDM).

Strategic Objectives:

- A: **Safety** – Enhance global civil aviation safety
- B: **Air Navigation Capacity and Efficiency**—Increase the capacity and improve the efficiency of the global aviation system
- E: **Environmental Protection** — minimize the adverse environment effects of civil aviation activities.

1 INTRODUCTION

1.1 The APAC Regional Sub-Office, established in 2013 in Beijing, is into its third year of operations. The RSO has endeavored to meet its key objective, namely to enhance support to States through project-oriented activities aiming to support States and Administrations in the APAC Region. Steady progress has been made in the key areas of Airspace Organization and Management (AOM) [Flexible Use of Airspace (FUA), Civil Military Cooperation (CMAC) and Performance-Based Navigation (PBN)], Collaborative Decision Making (CDM), Air Traffic Flow Management (ATFM).

2. DISCUSSION

2.1 The RSO has continued to develop and enhance the support to APAC States in the key areas as follows:

Performance-based Navigation (PBN) and Airspace Organization and Management (AOM)

- RSO-assisted PBN procedures for selected international airports in Bangladesh, Mongolia and Myanmar have been published. Support included programme planning, assistance during stakeholder consultation, design and ground validation of PBN procedures and pre-implementation training of ATCO's.
- Approach procedures and the reorganisation of the terminal airspace for Colombo International Airport, Sri Lanka has been finalised and is awaiting flight validation before full implementation. Simulator based pre-implementation training for over 30 controllers was conducted by the RSO with simulators made available by Malaysia. 12 procedures have completed ground validation
- Planning and implementation strategy for upper airspace PBN Routes for Mongolia have been completed and are awaiting regulatory approval before publication.
- RSO is continuing to support the on-going review of international route structure and aircraft separation across the FIRs of Bangladesh, India, Myanmar and Thailand through the BIMT Sub-Regional Group.
- RSO is continuing to support the on-going review of international route structure and aircraft separation across the FIRs of Cambodia, Laos, Thailand and Vietnam through the Mekong Delta Sub-Regional Group
- RSO is providing continuing support to Fiji, Maldives, Cambodia, Laos PDR, Bhutan and Thailand for their on-going PBN implementations.
- Supports the APAC RO by managing the PBNICG and the SCS-MTFRG Meetings as a means to provide PBN implementation assistance to states
- Planning and development work in progress to organise a series of "PBN Airspace Design Workshops"

Air Traffic Flow Management and Collaborative Decision Making (ATFM/CDM)

- The North-Asia Regional ATFM Harmonization Group (NARAHG) consisting of China, Japan and the Republic of Korea, initiated with support from the RSO's, has made significant progress. The 3rd meeting of this group is scheduled for October 2015. Principles of Cooperation and Terms of Reference (TOR) have been agreed. Mongolia and Hong Kong have indicated willingness to join NAHRAG.
- Two other sub regional ATFM Group initiatives, through the BIMT and Mekong Delta Groups have adopted ATFM/CDM discussion into their standing agenda.
- Leveraging on the successful first ATFM Workshop Asia Pacific 2014, conducted from 27 – 30 October 2014, the APAC RSO developed a workshop program that would assist Asia Pacific States in their implementation of ATFM/CDM. The program consists of 3 different types of workshops to meet States' readiness and applicability. They are Foundation, Advanced and Cross-Border ATFM Workshops. The schedule for 2015, both completed and planned, consists of 3 Foundation, 1 Advanced and 3 Cross-Borders Workshops.

Flexible Use of Airspace / Civil and Military Cooperation

- The first Asia/Pacific Civil/Military Cooperation Lecture and Seminar, held from 19 to 21 November 2014 in Beijing was attended by 48 participants from 10 States and administrations, and 4 International Organizations. A number of key points and recommendations to facilitate the implementation of CMAC/FUA in the APAC Region were made.

- A CMAC/FUA workshop for Myanmar was conducted in Yangon from 28 - 29 July 2015 and was attended by a mix of 40 civil and military participants. The workshop identified some key points and will be the basis for the APAC RSO's continued support to Myanmar in this area.

2.2 APAC States and Administrations may contact the RSO to discuss areas of support and cooperation in AOM, CDM and ATFM.

3. ACTION BY THE MEETING

3.1 The Meeting is invited to:

- a) note the information contained in this Information Paper; and
- b) encourages States and Administrations to seek the support of ICAO APAC for implementation / initiatives on
 - i. PBN
 - ii. ATFM/CDM
 - iii. FUA.

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