



International Civil Aviation Organization

The Fifth Meeting of ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/5)

Bangkok, Thailand, 30 March – 3 April 2015

Agenda Item 2: Review Outcomes of Related Meetings

SEMINAR ON BASIC CAPACITY ENCHANCEMENT CONCEPTS AND DEVELOPMENTS OF ATFM

(Presented by ICAO)

SUMMARY

This paper presents the outcomes of the Seminar on Basic Capacity Enhancement Concepts and Developments of ATFM, held in Yangon, Myanmar from 9 – 11 February 2015.

1. INTRODUCTION

1.1 With the successful conduct of the ATFM Workshop Asia Pacific 2014, Department of Civil Aviation (DCA) Myanmar approached ICAO to express their interest in hosting similar ATFM/CDM workshops. This would allow greater participation for the officers in Myanmar to obtain and increase their awareness of ATFM and CDM.

1.2 DCA Myanmar also kindly agreed to invite other member States to participate in the Seminar. There was a total of 30 participants, of which 19 were from Myanmar consisting mainly of officers from DCA Myanmar and various Myanmar airlines. 11 of the participants were from Hong Kong, China, Macau, China, India, Philippines and Thailand.

2. DISCUSSION

Seminar Activities

2.1 The Seminar on Basic Capacity Enhancement Concepts and Developments of ATFM was conducted over 3 days. The purpose of the Seminar was for aviation personnel who were interested to obtain basic capacity enhancement concepts and knowledge of ATFM/CDM principles based on the ICAO Doc 9971 (Manual of Collaborative ATFM).

2.2 The first two days of the Seminar covered the principles of ATFM and CDM based on the ICAO Doc 9971. On the third day, participants were provided with the basic concepts of Flexible Use of Airspace (FUA) based on the ICAO Circular 330, PBN and airspace design.

Outcomes of the Seminar

2.3 Upon completing the Seminar, the below outcomes were captured and the Seminar requested for ICAO to present them at this ATFM/SG/5:

a) The Seminar noted that ATFM is an enabler of ATM efficiency and effectiveness. However, ATFM is not a magic word to increase airspace capacity but rather a tool to manage capacity. The Seminar also noted that ATFM need not involve complicated processes nor systems in its initial application. The Seminar noted that ATFM and its applications should not be restricted to one State or FIR. The Seminar also noted that Airspace is a common resource for all users and equity and transparency should be ensured. DCA Myanmar requested ICAO APAC RSO to conduct in-depth ATFM training course for them.

b) The Seminar noted that CDM is a necessary process for an effective management of air traffic. The Seminar noted that CDM process is a key enabler of an ATFM strategy. The Seminar gained hands-on experience to develop a basic CDM process through the exercises facilitated by ICAO. The Seminar also noted that ICAO will be able to support States (upon request) to develop an applicable CDM process.

c) The Seminar recognizes the value of ICAO Circular 330 for the States' development of CMAC and FUA process. The Seminar noted the necessary linkage among Airspace Management, ATFM/CDM process and ATS Service Provision to ensure the effective and efficient conduct of military missions and civil aviation operations.

d) The Seminar noted that ATFM and PBN shares common objectives pursuing economic, efficiency, safety and environmental benefits from the use of airspace which is a common resource. With the assistance of ATFM, users of airspace can ensure the maximum utilization of PBN procedures through de-conflicting air traffic. The Seminar noted that integration of PBN and ATFM enables the efficient use of airspace of the future where aircraft operators fly their preferred trajectories within collaborative, time-based and system-wide ATFM framework. The Seminar urged ICAO to consider the developing a harmonized framework between ATFM and PBN to prepare future ATM technology development.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information presented in this paper and discuss the outcomes of the Seminar; and
- b) encourage States and Administrations to participate in future ATFM/CDM Workshops or Seminars; and
- c) discuss any relevant matters as appropriate.

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