



*International Civil Aviation Organization*

**The Fourth Meeting of ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/4)**

Bangkok, Thailand, 1 – 5 December 2014

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**Agenda Item 2: Review Outcomes of Related Meetings**

**ATFM WORKSHOP ASIA/PACIFIC 2014**

(Presented by ICAO)

**SUMMARY**

This paper presents the accomplishment of the ATFM Workshop Asia Pacific 2014 that was held in Beijing, China at the ICAO APAC Regional Sub-Office (RSO) from 27 – 30 October 2014. It also provides the outcomes of the Workshop which necessitate continuing positive support from States, International Organizations as well as Industry Partners for ATFM/CDM implementation and harmonization.

**1. INTRODUCTION**

1.1 The first ATFM Workshop Asia Pacific 2014 was held in Beijing, China from 27 to 30 October 2014. The workshop aimed to heighten the awareness of Air Traffic Flow Management (ATFM)/Collaborative Decision Making (CDM) principles among aviation service providers, International Organizations and aviation stakeholders.

**2. DISCUSSION**

Workshop Activities

2.1 The ATFM Workshop Asia Pacific was conducted in two parts. The first two days was an Educational Session on ATFM/CDM, covering the basic contents based on the ICAO Doc 9971, Manual on Collaborative Air Traffic Flow Management. This Session was targeted at aviation personnel who would like to obtain knowledge of the ICAO Doc 9971 and were interested to have a detailed understanding of the manual and overall ATFM / CDM principles. A series of activities were conducted in these two days, from presentation materials, exercises and case studies. This was with the intention to get a hands-on experience in accentuating the concepts and practical effects of ATFM and CDM principles and concepts based on ICAO Doc 9971.

2.2 The next two days was an Information Sharing Session, and featured speakers from International Organizations and Research Institutes, States/Administrations and Industry Partners coming together to share their views and experiences in implementing ATFM/CDM. Participants were provided with information on ATFM development from a research and development perspective, as well as information on the current ATFM status and future plans from States. There was also a concurrent exhibition on ATFM/CDM solutions by Industry Partners to showcase their on-going activities. Through the ATFM/CDM exhibition, participants also gained a better understanding on the various ATFM/CDM system capabilities and solutions available in the market. 32 participants attended the Educational Session and 60 participants attended the Informational Sharing Session.

2.3 With the successful conduct of the Workshop, several States had approached ICAO to express their interest in hosting similar ATFM/CDM workshops in the future, This would allow greater participation within each sub-region and increase the awareness on the need of ATFM and CDM to a broader ATM community.

#### Outcomes of the Workshop

2.4 Upon completing the ATFM Workshop Asia Pacific 2014, the Workshop came together and agreed on the below outcomes and requested for ICAO to present them at this ATFM/SG/4:

1. The Workshop noted the importance of the Regional ATFM Framework for the APAC Regions and the on-going activities of the APAC ATFM Steering Group. The Workshop urged ICAO, International Organizations, States and Industry Partners to continue committing necessary resources and expertise to support the activities of the APAC ATFM Steering Group.
2. Harmonization of the ATFM terminologies is considered a necessary fundamental step for harmonizing ATFM planning and implementations. The Workshop urged ICAO, International Organizations, States and Industry Partners to commit necessary resources and expertise to support the harmonization of ATFM terminology through the development of the APAC Regional ATFM Framework and the enhancement of ICAO ATFM Manual (Doc 9971).
3. The Workshop noted that proper understandings on the benefits, necessities, lessons learned and utilizations of ATFM and CDM are critical early steps to progress with ATFM and CDM implementation. The Workshop invited ICAO to coordinate with International Organizations and Industry Partners to form a series of educational activities on ATFM and CDM to support the Asia Pacific States and aviation stakeholders. The targeted audience of these activities should also include leaderships within governments, regulators, ANSPs, airlines and airports.
4. The Workshop noted the excellent progress by sub-regional ATFM/CDM initiatives within the APAC Regions, including Multi-Nodal ATFM project and NARAHG, and considered that sub-regional harmonization activities are proper ways forward supporting regions-wide harmonization of ATFM and CDM procedures and practices. The Workshop urged ICAO and International Organizations to continue providing their support to sub-regional ATFM/CDM initiatives with the view of ensuring harmonization. States are also urged to consider participating in such activities.
5. The Workshop noted the importance of linking ATFM/CDM and A-CDM, and recognized that the network benefits of ATFM/CDM cannot be fully optimized if the linkages are not properly planned and implemented. The Workshop urged ICAO, International Organizations, States and Industry Partners to continue committing necessary resource and expertise to the development of an A-CDM section to the ICAO ATFM Manual (Doc 9971). The Workshop also urged States, ANSPs and airports to review their A-CDM and ATFM/CDM planning and implementation to ensure proper interoperable and coordination between A-CDM and ATFM/CDM.

6. The Workshop noted that ATFM/CDM can be implemented in a step-by-step manner. It also recognized that post implementation analysis can also be used as a good starting point of A-CDM and ATFM/CDM implementation.
7. The Workshop requested ICAO to consider forming or assigning a regional body to oversee and support the implementation of ATFM/CDM and A-CDM within the APAC Regions.

**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 ATFM Workshop Asia Pacific 2014; and
- b) encourage States and Administrations to participate in future ATFM/CDM Workshops; and
- c) discuss any relevant matters as appropriate.

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