

55th APAC DGCA Conference, Fiji

Advance Preparation Brief - Commitment on Air Traffic Flow Management

Agenda Item 9a: Plenary Session on Beijing Declaration Commitments

Commitment on Air Traffic Flow Management: Implementation for high density airports by 2022.

ATFM is used to balance demand and capacity to manage the flow of traffic in a manner that minimizes delay and maximizes the use of the available airspace. ATFM is one of the solutions to ensure a sustainable air traffic growth for the future. Inter-linked and networked ATFM nodes between ANSPs should be developed to serve various sub-regions. The first principle of ATFM, is that *Increased capacity is the primary and central method for managing increased demand* (Asia/Pacific Regional Framework for Collaborative ATFM).

At the Plenary Session:

- *Presentation of the issue by the Secretariat (15 mins)*

The Secretariat will provide a presentation related to the objectives and benefits of ATFM, challenges faced within the Asia/Pacific Region, current initiatives and best practices for implementation.

- *Sharing of lessons learnt by a Champion State / Thailand (10 mins)*

A State will provide a presentation on activities and achievements in the field of cross-border ATFM.

- *Workshop Breakout Session Brief (2 hours)*

Facilitators:

1. Mr. Raphael Guillet, Chief of the Asia and Pacific Regional Sub-Office
2. Mr. Shane Sumner, Regional Officer Air Traffic Management/Aeronautical Information Management, ICAO APAC

Objective: Provide common ATFM knowledge to States who will need ATFM soon but have not yet really started implementation

Participants: DG/DDG/DIR/ATM selected from the Conference Registration List.

The Secretariat will first invite the participating States to introduce their level of knowledge about the ATFM concept and their current activities on this matter. Discussion will continue on the benefits of implementing ATFM and how to best organize your resources to achieve your objectives.

Notes:

1. The appointed Facilitators would facilitate the breakout session. The appointed Reporter of the Group then reports the outcome of the breakout session to the Plenary Session at the end of the day. A key deliverable of the Breakout Session will be a proposal of an *Action Item for the 55th DGCA APAC Conference*.

2. As advance preparation for the session on Commitment on Air Traffic Flow Management : implementation for high density airports by 2022, workshop participants may wish to research the following :
- a) What is the expected traffic growth within your State?
 - b) How is the Air Traffic Flow currently managed and planned in your State?
 - c) Is your plan on ATFM in line with ICAO Doc 9971, Asia/Pacific Framework for Collaborative ATFM, and Regional ATFM Concept of Operations?
 - d) Which entities are in charge of this planning?
 - e) Have you determined Aerodrome capacity and related constraints for runways, taxiways and gates?
 - f) Have you determined the terminal ATC sector airspace capacity based on a scientific capacity study and safety assessment?
 - g) Have you determined the en-route ATC sector airspace capacity based on a scientific capacity study and safety assessment?
 - h) What do you do to improve and/or enhance the airspace and/or aerodrome capacity?
 - i) When you have airspace or airport constraints, how do you handle them?
 - j) How does your ANSP ensure that all ATS messages relevant to ATFM, such as FPL, CHG, DEP messages, are distributed to all relevant ATS units and ATFM units, in compliance with ICAO Doc 4444 PANS-ATM?
 - k) Which data/consideration will trigger the launch of an ATFM project if your State have not initiated an ATFM project?
 - l) Have you started discussion with your neighboring States about cross-border ATFM?

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