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Setting the Scene

Elie El Khoury

*ICAO Regional Officer, ATM/SAR
Middle East Office, Cairo*

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Outline

- Background
- MID ATFM Seminar 2016
- Establishment of the MID ATFM Task Force
- Doc 9971
- ASBU Block 0 – NOPS
- Conclusions



- ATFM was endorsed as one of the priority regional air navigation projects to be implemented under the framework of the MID Region ATM Enhancement Programme (MAEP).
- The MAEP Board/2 meeting (Cairo, Egypt, 11 – 13 April 2016) based on the prioritization done by the MAEP SC/2 meeting (Cairo, Egypt, 20 - 22 October 2015), agreed that the project would not be initiated before 2017, providing that all the enablers/prerequisites are implemented.



- The ICAO ATFM Seminar (Dubai, UAE, from 13 to 15 December 2016) was attended by a total of one hundred forty (140) participants from thirteen (13) States and eighteen (18) Organizations/Industries.
- The main objective of the Seminar was to provide an update on the ICAO Global and Regional developments related to ATFM, including the provisions of the latest version of the ICAO Doc 9971 (CDM, ATFM, ACDM), highlighting the importance of standardization and harmonization with regard to worldwide ATFM implementation.
- The Seminar brought together CDM/ATFM stakeholders, (Regulators, Air Navigation Service Providers, Aerodrome Operators, Aircraft Operators, Organizations and Industry) to share expertise and lessons learned from ATFM implementation including presentation related to national (State, ANSP), sub-regional and regional solutions.



The third day of the Seminar was dedicated to the ICAO MID Region to address the challenges facing the MID States related to air traffic flows and agree on the way forward for Collaborative ATFM implementation in the MID Region, taking into consideration the lessons learned and best practices presented during the first two days of the Seminar. The Seminar recognized the need for a collaborative phased approach toward the implementation of a regional ATFM system in accordance with the region requirements.



The main outcome of the Seminar are as follows:

- Establishment of a MID ATFM TF/WG under the ATM SG.
- Development of ATFM Concept of Operations taking into consideration Asia Pacific and Europe experiences.
- Need to raise awareness about ATFM.
- Conduct training courses related to ATFM.
- States to consider the establishment of ATFM Cell or National Operation Centre composed of all concerned Stakeholders.
- Carry out a survey to determine airspace and sector capacity, hotspots, ATFM systems/measures, etc.
- Expedite MID IFPS project implementation.
- Continue working on airspace improvements.



- ✓ The MAEP Board/3 meeting (Cairo, Egypt, 16-18 January 2017) agreed that the first step for the initiation of the MID ATFM project would be the establishment of a dedicated ATFM TF/WG under the framework of the ATM SG, that will be responsible for the development of the MID Region ATFM Concept of Operations. Accordingly, the meeting encouraged States and Stakeholders to implement the Recommendations emanating from the ATFM Seminar and support the work of MID ATFM TF/WG.
- ✓ MIDANPIRG/16 (Kuwait, 13 – 16 February 2017) established the MID ATFM Task Force through MIDANPIRG Decision 16/16.



**DECISIONS 16/16:****ATFM TASK FORCE**

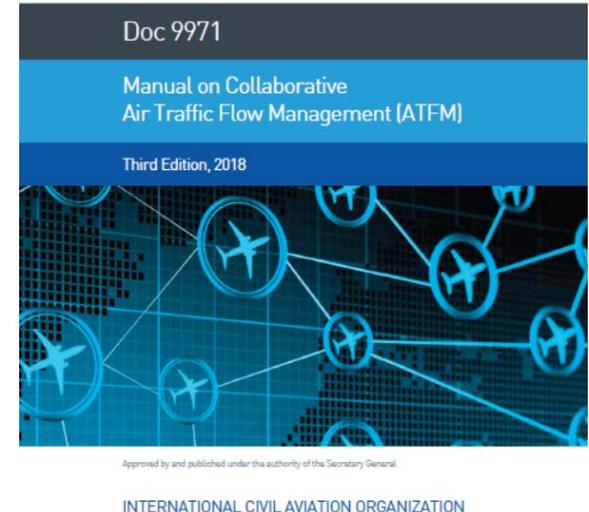
That,

- a) an ATFM Task Force be established to develop an ATFM Concept of Operations for the MID Region;
- b) the ATM SG/3 meeting develop the terms of reference of the ATFM Task Force; and
- c) States support the ATFM Task Force through:
 - i. assignment of ATFM Focal Point to contribute to the work of the Task Force; and
 - ii. provision of required data in timely manner, and in particular to the survey that will be carried out related to the airspace and sectors capacity, hot-spots, ATFM measures/system, etc.

ATFM TF ToR were developed by the ATM SG/3 meeting and endorsed by Draft Decision 3/6



- Third Edition (2018) has been published by ICAO
- The purpose of the manual is to provide guidance related to the concept of collaborative decision-making (CDM), and its use in air traffic flow management (ATFM) as well as in airport operations through airport-CDM (A-CDM).
- Divided into 3 Parts
 - Part I CDM
 - Part II ATFM
 - Part III A-CDM





One of the 12 priority 1 ASBU Modules to be implemented in the MID Region included in the MID Region Air Navigation Strategy (MID Doc 002).





B0 – NOPS: Improved Flow Performance through Planning based on a Network-Wide view

Elements	Applicability	Performance Indicators/Supporting Metrics	Targets
ATFM Measures implemented in collaborative manner	All States	<p>Indicator: % of States that have established a mechanism for the implementation of ATFM Measures based on collaborative decision</p> <p>Supporting metric: number of States that have established a mechanism for the implementation of ATFM Measures based on collaborative decision</p>	100% by Dec. 2018
ATFM Structure	All States	<p>Indicator: % of States that have established an ATFM Structure</p> <p>Supporting metric: number of States that have established an ATFM Structure</p>	100 % by 2019



Table B0-NOPS 3-1

EXPLANATION OF THE TABLE

Column

- 1 Name of the State
- 2 Mechanism for the implementation of ATFM Measures based on collaborative decision:
Y – Implemented
N – Not Implemented
- 3 ATFM Structure/Functions:
Y – Implemented
N – Not Implemented
- 4 Remarks

Applicability State	Mechanism for the implementation of ATFM Measures based on collaborative decision	ATFM Structure/Functions	Remarks
1	2	3	4
Bahrain			
Egypt			
Iran			
Iraq			
Jordan			
Lebanon			
Libya			
Kuwait			
Oman			
Qatar			
Saudi Arabia			
Sudan			
Syria			
UAE			
Yemen			
Total			
Percentage			



Conclusions:

- 1. The main task of the ATFM Task is to develop a CONOPS for the implementation of ATFM in the MID Region taking into consideration other experiences as well as the initiative carried out by ACAO.**
- 2. The ATFM TF/1 meeting would agree on a plan of actions for the implementation of ATFM including detailed task to be achieved within defined timeframe to be concluded with the ATFM CONOPS.**



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THANK YOU