



الهيئة العامة للطيران المدني
CIVIL AVIATION AUTHORITY
قطر QATAR



ICAO

MIDANPIRG/22 & RASG-MID/12

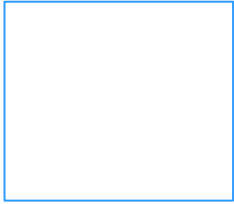
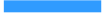
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Doha ATFM QCAA





Implementation

Brief history of ATFM in Qatar

Current Operations

Daily tasks and special events.

Future Developments.

Continuous improvements and Regional ATFM



Implementation



Implementation Date:

Implementation date was 8 September 2022

ATFM was an integral part of FWC2022



Regulation

QCAR 098 of 2022 is the regulation for ATFM in the State of Qatar and came into force on 6 September 2022



ENR 1.9

Qatar ENR 1.9 is reviewed and updated annually to keep up with any changes in operations.



Current Operations

Doha ATFM Unit

Doha ATFM Unit has 12 permanent staff members that maintains a 24/7 operation.

Extensive training is provided to staff on principles of ATFM and the ATFM system that is used by Qatar.

Demand and Capacity balancing is done in all stages of operation, from Strategic to Tactical.



CDM

Collaboration remains a cornerstone for ATFM.

ATFM remains an integral part of the Local Stakeholders with monthly meetings to collaborate and review operations.

Collaboration with Stakeholders for operational improvements and projects for enhancement of airspace and procedures.

Working with Special events teams for seamless integration into the daily operations with minimal impact.



Current Operations

Weather

Standard operating procedures have been developed by Doha ATFM Unit and Doha Approach Unit to facilitate significant weather events.

A significant drop in airborne holding and diversions was realized after the implementation of this procedure.

Collaborating and working closely with the Meteorology department in Qatar for accurate weather predictions to minimize delays.



ATFM Daily Plan

Doha ATFM Unit has a daily CDM conference to discuss the ATFM Daily Plan and the Tactical operation.

The ADP is sent to all stakeholders at 1000 UTC.

ATFM Daily Plan

ATFM Unit is supplying teams on different projects with statistics on demand for different sectors and able to provide data of specific waypoints for studies e.g. Sectorization of Airspace.



Future Developments

Multi Nodal

Qatar is following Mid Doc 014 for Multi Nodal Concept of Operation.

As more States start ATFM, integration between States will become more important for a harmonious operation within the region.

ATFM Messages

Qatar is working closely with current ATFM system vendor for the capability to send and receive standard ATFM AFTN messages to have an additional layer of information shared between Multi Nodal Stakeholders.

Integration

States need to collaborate on how information needs to be shared and how it wants to have that information displayed.

Vendors of ATM systems needs to be engaged to be updated for future developments and requirements of ATFM.

Regional ADP

Qatar is working with representatives of Kingdom of Saudi Arabia for the introduction of a Regional ADP and CDM Conference.



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Thank You

