



International Civil Aviation Organization

The Third Meeting of ICAO Asia/Pacific Air Traffic Flow Management Steering Group (ATFM/SG/3)

Singapore, 10 – 14 March 2014

Agenda Item 3: ATFM/CDM Global Update

NORTH AMERICA/CARIBBEAN ATFM TASK FORCE WORK PROGRAMME

(Presented by the Secretariat)

SUMMARY

This paper presents the work programme of the North America/Caribbean ATFM task force, which provides specific initiatives for the development of a regional concept of ATFM implementation.

1. INTRODUCTION

1.1 The North America/Caribbean ATFM Task Force work program document is a guideline used by the Task Force to establish ATFM goals.

2. DISCUSSION

2.1 The work program details activities being undertaken the by the North America/Caribbean ATFM Task Force. The meeting is invited to note the work programme and its activities and timelines. Progress will be updated through the Secretariat, and opportunities to include initiatives from the Task Force's work in the Asia/Pacific Regional Framework for Collaborative ATFM will be examined.

3. ACTION BY THE MEETING

3.1 The meeting is invited to:

- a) note the information contained in this paper; and
- b) discuss any relevant matters as appropriate.

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NAM/CAR ATFM Task Force Work Programme

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INTRODUCTION

People, automation, technology and collaboration with system stakeholders (inclusive of academia) will be the core principles of this project. The Work Programme seeks to:

1. Establish consistent regional ATFM planning and operating practices
2. Encourage a collaborative and harmonized approach to ATFM amongst States and Regions
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No	Activity/Actividad	Objective/Objetivo	Responsible/Responsable	Deliverable/Entregable	Date/Fecha
1	<u>Regional assessment of ANSPs</u> - Identify participants - Capabilities - Experience (entry/intermediate/advance) - FMU/FMP/Ops Sup/Mgr - What do ANSPs need? - Conduct study of existing/future FMP/FMU and a Regional Centralized FM Center - Note: A review as to the specific methodology to solicit this info (email/survey etc.) will be determined	Provide a baseline assessment of resources, needs & capabilities	ATFM Task Force Team	Report/document to be determined	Short Term (Jul 2014)
2	<u>Improve Demand and Capacity Balancing (DCB)</u> - Establish coordination with key stakeholders - Identify major traffic flows/city pairs - Research airport/sector capacity calculation - Compare with ICAO ATFM Global Doc - Id high density airports/sectors - Develop mitigation strategies -	Provide initial steps needed to work with aviation stakeholders, identify major city pairs and focus on constrained density areas	ATFM Task Force Team	Report/document identifying these objectives for aviation stakeholders	Short Term (Nov 2014)
3	<u>Training</u> - Assess training needs of ANSPs - Establish list of TNG subjects - Solicit instructors - Establish Schedule - Publish/coordinate events - Establish cross TNG, personnel exchange program - Perform ATFM workshops/seminars/visits	Provide a core foundation to build upon for Regional participants	ATFM Task Force Team	Report listing training accomplishments as noted	Short Term (Dec 2014)
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4	<p>Pre-Tactical Operation Daily Briefing</p> <ul style="list-style-type: none"> - Solicit input from ANSPs & stakeholders - Develop Ops Briefing checklist - Select Ops telcon platform (GTM/Webex etc) - Train/practice web conferences - Research Traffic Management Initiatives - Standardization - Notification - Implementation - Documentation - Review analysis - Publication of the Daily ATFM Plan 	Provide a venue for ANSPs, stakeholders and the aviation community to participate, engage & collaborate in ops info sharing	ATFM Task Force Team	An integrated, comprehensive pre-tactical web based conference which includes various stakeholders	Short Term (Dec 2014)
5	<p>Tools, technology & automation</p> <ul style="list-style-type: none"> - Research development of Ops web page - Flight plan processing - Data exchange between ANSPs - Identifying ATFM suite of tools such as Prediction & Monitoring Tools - Development of Meteorological Products - Est. Sub-Team for research/development of future concept of regional ATFM system - Est. a test bed for testing and implementing future technologies for modeling 	Ongoing research development. Mid-Long term objective which will evaluate, strategic goals for Regional ANSPs regarding integration & harmonization of ATFM tools & technologies. This should incorporate the capability for growth & airspace modeling	ATFM Task Force Team	Report/paper describing the findings	Med-Long term (2015)
6	<p>Procedural Agreements</p> <ul style="list-style-type: none"> - Establish bi-lateral/multi-lateral LOAs between States/FMUs - Identify high volume/prefer city pairs/routes - Develop multi-FIR regional network of ATFM coordination - Develop Regional harmonized methodology for the collection, analysis and reporting of demand/capacity, and delay data. - Research guidance on qualifications and competencies for ATFM personnel and develop action plan 	Provide formalize agreements that will facilitate the safe and efficient movement of high density, constrained focused areas	ATFM Task Force Team	Formalized inter/intra ATM agreements that will identify and enhance regional efficiency for the safety and movement of air traffic	Med-Long term (2015)
7	<p>Flexible Use Airspace</p> <ul style="list-style-type: none"> - Perform assessment of where FUA can be utilized/benefit - Identify civil/military coordination entities - Arrange for permanent liaison and cooperation between civil ATS and air defense units. - Conduct regional review of SUA - Assess use of airspace management process - Review use of dynamic airspace processes - Institute dynamic ATC sectorization and notification for demand and capacity - Develop performance measurement programme - Review/establish LOAs between FMUs/Military - Data Sharing between Civil and Military Units 	Identify and facilitate the cooperation between Civil/Military Organizations for the movement of Air Traffic	ATFM Task Force Team	Develop training, formalize LOA's, and pre-tactical coordination between organizations	Mid-Long Term (2015)
8	<p>Schedule Regional ATFM Workshops</p> <ul style="list-style-type: none"> - Enhance cooperation - Share best practices and ideas - Forecast future growth/needs - Encourage academia and industry participation 	Provide a foundational baseline of refresher & supplemental training for personnel involved in ATFM. To be accomplished in concert with stakeholder community	ATFM Task Force Team	Schedule ATFM workshops, seminars, webinars and symposiums for the purposes of furthering ATFM education	Mid-Long Term (2015)
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9	<p>Contingency Planning</p> <ul style="list-style-type: none"> - Interoperability - Seamless continuity plan 	Establish a foundational baseline of education to construct a regional	ATFM Task Force Team	This can be accomplished via ongoing training webinars, presentations and refresher	Short-Med (2014)

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		continuity plan of operation in the event of catastrophic occurrence		training	
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