



International
Civil Aviation
Organization

Organisation
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Международная
организация
гражданской
авиации

منظمة الطيران
المدنى الدولى

国际民用
航空组织

File Ref.: ME 3/2.1-17/088

22 March 2017

**Subject: Third Meeting of the MIDANPIRG ATM Sub-Group (ATM SG/3)
(Cairo, Egypt, 22 – 25 May 2017)**

Action Required: Reply not later than 01 May 2017

Sir/Madam,

I have the honour to invite your Administration/Organization to participate in the Third meeting of the MIDANPIRG Air Traffic Management Sub-Group (ATM SG/3) to be held at the ICAO MID Regional Office, Cairo, Egypt, **22 – 25 May 2017**.

The Provisional Agenda for the meeting and the Terms of Reference of the ATM Sub-Group are at **Attachments A and B**, respectively. Your comments on the attached provisional agenda, including any amendment(s) you may wish to suggest, would be appreciated.

Administrative arrangements for the meeting and other useful information for participants, including the Hotel List are at the ICAO MID Office website at: (<http://www.icao.int/MID/Pages/MID-Office-Bulletin.aspx>).

This letter, all its relevant attachments and Working/Information Papers (as they become available), will be posted in PDF format on the ICAO MID website at: www.icao.int/mid.

In accordance with the approved procedures, as specified in the MIDANPIRG Procedural Handbook, Sub-Groups of MIDANPIRG shall be composed of experts able to contribute to the work of the Sub-Group. For more effectiveness, I shall be grateful if you could ensure that your delegation consists of experts familiar with ICAO documentations and policies, having the required qualifications and experience in the fields of ATM and SAR. The attendance of your States' Military Authority to this meeting is also highly encouraged.

I would like to highlight that the meeting will also address inter-regional ATM issues at the interfaces with the adjacent ICAO Regions such as, ATS routes, contingency planning, longitudinal separation, large height deviations, status of letter of agreements, ATFM, etc.

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Your Administration/Organization is encouraged to participate actively in the work of the meeting by submitting working, information papers and/or presentations covering subjects contained in the provisional agenda. I would be grateful to receive your papers in an electronic format prior to **01 May 2017**, in order to allow time for processing and advance posting on the web.

I would appreciate if you could, as soon as possible, preferably not later than **01 May 2017**, confirm the participation of your Administration/Organization by submitting the Nomination Form at **Attachment C** to the following email address (icaomid@icao.int) with a copy to (ekhoury@icao.int).

Accept, Sir/Madam, the assurances of my highest consideration.



for/ Mohamed Khalifa Rahma
Middle East Regional Director

Attachments



International Civil Aviation Organization

MIDANPIRG Air Traffic Management Sub-Group

Third Meeting (ATM SG/3)
(Cairo, Egypt, 22 – 25 May 2017)

PROVISIONAL AGENDA

Agenda Item 1: Adoption of the Provisional Agenda

Agenda Item 2: Follow-up on MIDANPIRG/16 Conclusions and Decisions relevant to ATM/SAR

Agenda Item 3: Global and Regional Developments related to ATM

The meeting will be apprised of the global and regional activities related to ATM including those related to the MID Region ATM Enhancement Programme (MAEP).

Agenda Item 4: MID Region ATS Route Network

- States will present an update on the implemented/planned changes related to their ATS route network. The benefits accrued from the implementation of the ATS routes improvements such as saving in time and/or distance, reduction in CO₂ emission, would be highlighted. The challenges that might delay the implementation of the planned routes would also be addressed.
- IATA will present their feedback on the implemented routes and provide an update on the proposals included in the MID Route Catalogue.
- The meeting will review the outcome of the inter-regional meetings related to ATS routes such as the AIRARD TF/1 meeting and the AAMA SCM.
- The meeting will address the ATM issues at the interfaces with AFI, Asia Pacific and Europe Regions.
- The meeting is expected to develop the Terms of Reference of the MID Route Development Working Group (MID RDWG).
- The meeting will review and update, as deemed necessary, the MID Region ATM Contingency Plan.

Agenda Item 5: Airspace Management Issues

- Review and update, as deemed necessary, the MID Region PBN implementation Plan Parts related to enroute.
- Civil/Military Cooperation and Flexible Use of Airspace.
- Air Traffic Flow Management: the meeting is expected to:
 - develop the Terms of Reference of the ATFM Task Force, tasked with the development of the ATFM Concept of Operation and the World Cup 2022 Task Force; and
 - follow-up on the outcome of MIDANPIRG/16 related to ATFM (XMAN).

- SIDs and STARs new phraseology.
- AIDC/OLDI implementation.
- Radar Longitudinal Separation.
- Review and update of the MID Region’s High Level Airspace Concept.
- Review and propose amendments to the MID Region Air Navigation Strategy Parts related to ATM.
- Review and propose amendments to the MID Air Navigation Plan Parts related to ATM.

Agenda Item 6: ATM Safety Matters

- RVSM implementation;
- Occurrences related to wake turbulence;
- Call Sign Confusion;
- SMS implementation for ATS;
- English Language Proficiency for ATCOs and SAR experts;
- Remotely Piloted Aircraft System;
- GPS signal Jamming; and
- Air Safety Reports.

Agenda Item 7: SAR Issues

- The meeting will review and update the status of SAR in the MID Region.
- The meeting will review the MID SAR Plan developed by the MID SAR Action Group.
- The meeting will address the challenges related to SAR and explore means to foster the implementation of Annex 12 provisions related to SAR.
- Review and propose amendments to the MID Air Navigation Plan Parts related to SAR.

Agenda Item 8: Review of Air Navigation Deficiencies in the ATM and SAR fields

The meeting will review and update the list of air navigation deficiencies in the ATM and SAR fields, which have been identified in the MID Region, and propose actions, as appropriate.

Agenda Item 9: Future Work Programme

The meeting will review and update, as deemed necessary, the Terms of Reference of the ATM Sub-Group. The meeting will agree on the dates and venue of the ATM SG/4 meeting.

Agenda Item 10: Any other Business

**TERMS OF REFERENCE (TOR) OF
AIR TRAFFIC MANAGEMENT SUB-GROUP
(ATM SG)**

1. TERMS OF REFERENCE

1.1 The terms of reference of the ATM Sub-Group are:

- a) ensure that the planning and implementation of ATM in the MID Region is coherent and compatible with developments in adjacent regions, and is in line with the Global Air Navigation Plan (GANP), the Aviation System Block Upgrades (ASBU) methodology and the MID Region Air Navigation Strategy;
- b) monitor the status of implementation of the MID Region ATM-related ASBU Modules included in the MID Region Air Navigation Strategy as well as other required ATM facilities and services, identify the associated difficulties and deficiencies and provide progress reports, as required;
- c) keep under review the MID Region ATM performance objectives/priorities, develop action plans to achieve the agreed performance targets and propose changes to the MID Region ATM plans/priorities, through the ANSIG;
- d) seek to achieve common understanding and support from all stakeholders involved in or affected by the ATM developments/activities in the MID Region;
- e) provide a platform for harmonization of developments and deployments in the ATM domain;
- f) based on the airspace user needs and in coordination with stakeholders (States, International Organizations, user representative organizations and other ICAO Regions), identify requirements and improvements for achieving and maintaining an efficient route network in the MID Region;
- g) foster and initiate actions aimed at improving civil/military cooperation and Flexible Use of Airspace (FUA) implementation;
- h) keep under review the adequacy of requirements in Search and Rescue field, taking into account, *inter alia*, changes to aircraft operations and new operational requirements or technological developments;
- i) ensure the effectiveness of the SSR code allocation system in the MID Region;
- j) identify, State by State, those specific deficiencies that constitute major obstacles to the provision of efficient air traffic management and recommend specific measures to eliminate them;
- k) develop the MID Region ATM Contingency Plan and ensure that its maintained up to date;

- l) monitor the implementation of the MID Region ASBU Modules included in the MID Region Air Navigation Strategy related to the ATM, provide expert inputs for ATM related issues; and propose solutions for meeting ATM operational requirements;
- m) monitor and review the latest developments in the area of ATM;
- n) provide regular progress reports to the ANSIG Group and MIDANPIRG concerning its work programme; and
- o) review periodically its Terms of Reference and propose amendments as necessary.

1.2

In order to meet the Terms of Reference, the ATM Sub-Group shall:

- a) provide necessary assistance and guidance to States to ensure harmonization and interoperability in line with the GANP, the MID ANP and ASBU methodology;
- b) provide necessary inputs to the MID Air Navigation Strategy through the monitoring of the agreed Key Performance Indicators related to ATM;
- c) review the MID ATS Routes Network in order to assess its capacity and constraints;
- d) identify requirements and improvements for achieving and maintaining an efficient ATS route network in the MID Region;
- e) propose a strategy and prioritized plan for development of improvements to the route network, highlighting:
 - areas that require immediate attention
 - interface issues with adjacent ICAO Regions
- f) develop a working depository for route proposals that will be used as a dynamic reference document for ongoing discussions on routes under development/modification. In this respect, the Task Force should explore the utility that can be realized from the route catalogue concept/ATS routes database;
- g) engage the necessary parties regarding routes under consideration, especially the Military Authorities;
- h) promote civil/military cooperation and the implementation of the concepts of Flexible Use of Airspace (FUA), free flight, flexible tracks;
- i) facilitate effective civil/military cooperation and joint use of airspace in the MID Region;
- j) in coordination with the MIDRMA, carry out safety assessment of the proposed changes to the ATS Routes Network;
- k) submit completed route proposals for amendment of the Basic ANP Table ATS-1, to the ICAO MID Regional Office for processing;
- l) monitor the RVSM operations and support the continued safe use of RVSM in the MID Region;

- m) review and maintain the MID Region SSR Code Allocation Plan and monitor the implementation of the SSR codes allocation procedures in the Region;
- n) assist States in the development and co-ordination of contingency plans and ensure that the Regional contingency plan is maintained up-to-date;
- o) assess the effectiveness of the agreed Contingency measures/procedures and propose mitigation measures, as appropriate;
- p) address ATM and SAR interface issues with other regions and make specific recommendations to achieve seamlessness and harmonization;
- q) review the requirements and monitor the status of implementation of ATM and SAR services;
- r) analyse, review and monitor deficiencies in the ATM and SAR fields;
- s) develop proposals for the updating of relevant ICAO documentation, including the amendment of relevant parts of the MID ANP, as deemed necessary;
- t) establish and monitor ATM performance objectives for the MID Region; and
- u) taking into account human factors studies and available guidance material, make operational recommendations related to ATM personnel in the changing technological environment.

2. COMPOSITION

2.1 The Sub-Group is composed of:

- a) MIDANPIRG Member States;
- b) experts nominated by Middle East Provider States from both Civil Aviation Authority and Military Authority;
- c) concerned International and Regional Organizations as observers; and
- d) other representatives from provider States and Industry may be invited on ad hoc basis, as observers, when required.

INTERNATIONAL CIVIL AVIATION ORGANIZATION
MID REGIONAL OFFICE

THIRD MEETING OF THE MIDANPIRG ATM SUB-GROUP
(ATM SG/3)

(Cairo, Egypt, 22 – 25 May 2017)

NOMINATION FORM

PLEASE PRINT OR TYPE CLEARLY

1. Name in full: _____
Mr. / Mrs. / Ms. (as should appear in the official listing and name tag)
2. Title or Official Position: _____
3. State/Organization: _____
4. Mailing Address: _____

5. Telephone Number: _____
- Mobile: _____
- E-mail: _____
6. Hotel _____

Date: Signature:

After completing, please send to: ICAO MID Office at the following e-mail address: (icaomid@icao.int) with copy to (ekhoury@icao.int).

Note 1: Participants are expected to make their own hotel/visa arrangements.

Note 2: Please download meeting materials from ICAO MID Regional Office website.

*Note 3: **No hardcopies will be provided**; you are kindly requested to bring your laptop, iPad, tablet, etc. to the meeting.*