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Международная
организация
гражданской
авиации

منظمة الطيران
المدنى الدولى

国际民用
航空组织

File Ref.: ME 3/2.2 & ME 3/2.2.1 -22/016

27 February 2022

Subject: Seventh Meeting of the MID ATS Messaging Management Centre Steering Group (MIDAMC STG/7) (Muscat, Oman, 15-16 May 2022) and

Eleventh Meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/11) (Muscat, Oman, 16-19 May 2022)

Action required: Reply not later than 25 April 2022

Sir,

I have the honour to invite your Administration/Organization to participate in the Seventh MID ATS Messaging Management Centre Steering Group (MIDAMC STG/7) and the Eleventh meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/11) that will be gratefully hosted by Oman Civil Aviation Authority.

The meetings will be held back-to-back at Muscat, Oman, from **15 to 19 May 2022**. The Bulletin of the meeting that includes administrative arrangements for the meeting and other useful information for participants, including the exact venue and the Hotel List will be communicated at a later stage.

The Provisional Agendas for the MIDAMC STG/7 and CNS SG/11 meetings are at **Attachments A and B**, respectively. Your comments on the attached Provisional Agendas, including any amendment you may wish to suggest, would be appreciated. The Terms of Reference of the MIDAMC STG and CNS SG are at **Attachments C and D**, respectively.

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.

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 field of CNS.

In order to ensure efficient and effective communication between ICAO MID Regional Office and States, it would be appreciated if you could review and update the attached list of CNS Focal Points as well as the list of MIDAMC members as **Attachments E and F**, respectively.

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Your Administration/Organization is encouraged to participate actively in the work of the meetings by submitting working, information papers and/or presentations. I would be grateful to receive your papers in an electronic format prior to **25 April 2022**, 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 **25 April 2022**, confirm the participation of your Administration/Organization giving the names and contact details of your delegate(s), by submitting the MIDAMC and CNS Nomination Forms at **Attachment G** to the following email address (icaomid@icao.int) with copy to (malnadaf@icao.int).

Accept, Sir, the assurances of my highest consideration.



Mohamed Abubaker Farea
Regional Director
ICAO Middle East Office

Attachments

**SEVENTH MEETING OF THE MID ATS MESSAGING MANAGEMENT CENTRE
STEERING GROUP**

(MIDAMC STG/7)

(Muscat, Oman 15-16 May 2022)

PROVISIONAL AGENDA

- Agenda Item 1:** Adoption of the Provisional Agenda & Election of Chairperson
- Agenda Item 2:** Follow-up on MIDANPIRG/19 Conclusions and Decisions related to the MIDAMC STG
- Agenda Item 3:** AMHS Network Performance Matters
- AMHS Implementation Matters
 - Third Party Network Integration (SITA, ARINC)
 - AMC Web Application Functions and Tools
- Agenda Item 4:** Update on MID IP Network Project
- Agenda Item 5:** Future Work Programme
- Agenda Item 6:** Any other Business

ELEVENTH MEETING OF THE MIDANPIRG COMMUNICATION, NAVIGATION AND SURVEILLANCE SUB-GROUP

(CNS SG/11)

(Muscat, Oman, 16-19 May 2022)

PROVISIONAL AGENDA

- Agenda Item 1:** Adoption of the Provisional Agenda & Election of Chairpersons
- Agenda Item 2:** Follow-up on MIDANPIRG/19 Conclusions and Decisions relevant to CNS
- Agenda Item 3:** Global Developments related to CNS
- Agenda Item 4:** CNS planning and implementation in the MID Region
- Outcome of the MIDAMC STG/7
 - Aviation Spectrum Matters
 - o Outcome of the RADALT Action Group meetings
 - o Outcome of FM WG/2 meeting
 - o Outcome of WRC23 Preparatory Webinar
 - Navigation Matters
 - o Outcome of the MON Action Group meetings
 - o Update on GNSS implementation
 - Surveillance Matters
 - o Outcome of MICA Webinar
 - o Outcome of ADS-B Webinar
 - o Review the MID Region Surveillance Plan
 - ANS Cyber Security
- Agenda Item 5:** Status of Implementation of ASBU Threads/ Elements related to CNS.
- Agenda Item 6:** Review of Air Navigation Deficiencies in the CNS Field
- Agenda Item 7:** Future Work Programme
- Agenda Item 8:** Any other business.

MIDAMC Steering Group

(MIDAMC STG)

1. TERMS OF REFERENCE (TOR)

1.1 The Terms of Reference of the MIDAMC Steering are:

- a) to promote the efficiency and safety of aeronautical fixed services in the MID Region through the operation and management, on a sound and efficient basis, of a permanent MID Regional ATS Messaging Management Center (MIDAMC);
- b) foster the implementation of the Air traffic service Message handling service in the MID Region through provision of the guidance materials and running facilitation tools, utilizing the MIDAMC;
- c) MIDAMC Steering Group will consist of a focal point from each Participating MID State who would represent the State and acts as the Steering Group Member;
- d) MIDAMC Steering Group will be responsible for overall supervision, direction, evaluation of the MIDAMC project and will review/update the MIDAMC work plan whenever required;
- e) the MID Region is considering the establishment of Regional MID IP Network; the MIDAMC STG will drive the project which is called Common aeRonautical VPN (CRV), until the Operation Group is established; and
- f) provide regular progress reports to the CNS SG, and MIDANPIRG concerning its work programme.

1.2 In order to meet the Terms of Reference, the MIDAMC Steering Group shall:

- a) develop/update the accreditation procedure for all users on the MIDAMC;
- b) develop and maintain guidance materials for MIDAMC users;
- c) discuss and identify solution for operational problems may be arising;
- d) provide support/guidance to States for AMHS Implementation, and monitor the AMHS activities;
- e) assist and encourage States to conduct trial on Implementation of the ATS extended services, and identify operational requirements;
- f) provide guidance/support to States on implementation of XML based data models (IWXXM, FIXM, AIXM,...etc) over AMHS;
- g) monitor States' readiness to implement XML based data models over extended AMHS;
- h) identify the need for any enhancement for the MIDAMC and prepare functional and technical specifications, and define its financial implications;
- i) follow-up on ICAO standards and recommendations on the ATS messaging management;

- j) define future liabilities and new participating States and ANSPs;
- k) follow-up and review the work of similar groups in other ICAO Regions;
- l) follow-up the implementation of IP Network in the MID Region, through joining relevant projects, like CRV and act as project manager; and
- m) proposes appropriate actions for the early implementation also support the IP Network until the Operational Group is establish.

2. COMPOSITION

- a) ICAO MID Regional Office;
- b) Members appointed by the MIDANPIRG member States; and
- c) other representatives, who could contribute to the activity of the Steering Group , could be invited to participate as observers, when required .

3. WORKING ARRANGEMENTS

3.1 The Chairperson, in close co-operation with the Secretary, shall make all necessary arrangements for the most efficient working of the Study Group. The Study Group shall at all times conduct its activities in the most efficient manner possible with a minimum of formality and paperwork (paperless meetings). Permanent contact shall be maintained between the Chairperson, Secretary and Members of the Study Group to advance the work. Best advantage should be taken of modern communications facilities, particularly video-conferencing (Virtual Meetings) and e-mails.

3.2 Face-to-face meetings will be conducted when it is necessary to do so.

COMMUNICATION, NAVIGATION AND SURVEILLANCE SUB-GROUP (CNS SG)**1. TERMS OF REFERENCE**

1.1 The Terms of Reference of the CNS Sub-Group are:

- a) ensure that the implementation of CNS 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) framework and the MID Region Air Navigation Strategy;
- b) monitor the status of implementation of the MID Region CNS-related ASBU Modules included in the MID Region Air Navigation Strategy as well as other required CNS supporting infrastructure, identify the associated difficulties and deficiencies and provide progress reports, as required;
- c) keep under review the MID Region CNS performance objectives/priorities, develop action plans to achieve the agreed performance targets and propose changes to the MID Region CNS plans/priorities, modernization programmes through the MIDANPIRG, as appropriate;
- d) seek to achieve common understanding and support from all stakeholders and involved in or affected by the CNS developments/activities in the MID Region;
- e) provide a platform for harmonization of developments and deployments of CNS facilities and procedures within Region and inter regional;
- f) monitor and review the latest developments in the area of CNS, provide expert inputs for CNS-related issues; and propose solutions for meeting ATM operational requirements;
- g) follow-up the developments of ICAO position for future ITU World Radio Communication (WRC) Conferences and provide expert advises to States;
- h) follow-up the operation of the MID ATS Message Management Center (MIDAMC);
- i) provide regular progress reports to the MSG and MIDANPIRG concerning its work programme; and
- j) review periodically its Terms of Reference and propose amendments, as necessary.

1.2 In order to meet the Terms of Reference, the CNS 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 framework;
- b) provide necessary inputs to the MID Region Air Navigation Strategy through the monitoring of the agreed Key Performance Indicators related to CNS facilities and procedures;
- c) identify and review those specific deficiencies and problems that constitute major obstacles to the provision of efficient CNS implementation, and recommend necessary remedial actions;

- d) lead the work programme of the MID-AMC including the conduct of trainings and upgrades;
- e) assist, coordinate, harmonize and support in the implementation of CNS facilities and procedures;
- f) seek States support to ICAO Position at WRCs, and encourage States for the proper utilization of the Frequency Spectrum and Interrogation Code Allocations;
- g) follow-up surveillance technologies implementation to be in line with the MID Region surveillance plan and the operational improvements in coordination with other Sub-Groups;
- h) review, identify and address major issues in technical, operational, safety and regulatory aspects to facilitate the implementation or provision of efficient Surveillance services in the MID Region;
- i) follow-up Global GNSS evolution, and provide assistance/guidance to states on available GNSS services;
- j) address Datalink communication services and support implementation where operationally required;
- k) review and identify inter-regional and intra-regional co-ordination issues in the field of CNS, harmonize and recommend actions to address those issues; and
- l) Coordinate with relevant MIDANPIRG and RASG-MID Subsidiary bodies issues with common interests.

2. COMPOSITION

2.1 The Sub-Group is composed of:

- a) MIDANPIRG Member States;
- b) Concerned International and Regional Organizations as observers; and
- c) other representatives from provider States and Industry may be invited on ad-hoc basis, as observers, when required.

3. WORKING ARRANGEMENTS

3.1 The Chairperson, in close co-operation with the Secretary, shall make all necessary arrangements for the most efficient working of the Subgroup. The Subgroup shall at all times conduct its activities in the most efficient manner possible with a minimum of formality and paper work (paperless meetings). Permanent contact shall be maintained between the Chairperson, Secretary and Members of the Subgroup to advance the work. Best advantage should be taken of modern communications facilities, particularly video-conferencing (Virtual Meetings) and e-mails.

3.2. Face-to-face meetings will be conducted when it is necessary to do so.

CNS FOCAL POINTS

State	Name	Title	Email	Tel.	Update
Bahrain	Mr. Yaseen AlSayed (CNS)	Director Air Navigation Systems	y.alsayed@mtt.gov.bh	Tel: +973 17321187 Mob: +973 39520025	Reply to SL dated June 2021
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MIDAMC STG MEMBERS

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**Seventh Meeting of the MID ATS Messaging Management Centre Steering Group
(MIDAMC STG/7)
(Muscat, Oman, 15-16 May 2022) and**

**Eleventh Meeting of the MIDANPIRG Communication, Navigation
and Surveillance Sub-Group (CNS SG/11)
(Muscat, Oman, 16-19 May 2022)**

NOMINATION FORM

Please indicate which event(s) you will attend:

**MIDAMC STG/7
15-16 May 2022**

**CNS S/11
16-19 May 2022**

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 Number: _____
- 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(malnadaf@icao.int).