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منظمة الطيران  
المدنى الدولى

国际民用  
航空组织

File Ref.: ME 3/2.2 -20/028

21 January 2020

**Subject: Tenth Meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/10) (Muscat, Oman, 24-26 March 2020)**

**Action required: Reply not later than 1 March 2020**

Sir,

I have the honour to invite your Administration/Organization to participate in the Tenth meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/10) that will be gratefully hosted by the Public Authority for Civil Aviation (PACA) of Oman. The meeting will be held at PACA Headquarters, Muscat, Oman, from **24 to 26 March 2020**.

The Provisional Agenda and Terms of Reference for the CNS SG/10 meeting are at **Attachments A and B**, respectively. Your comments on the attached Provisional Agenda, including any amendment you may wish to suggest, would be appreciated.

The Bulletin describing administrative arrangements for the meeting and other useful information for participants, including the information related to the entry visa to Oman is at **Attachment C**.

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](http://www.icao.int/mid).

The CNS SG/10 meeting will review the MID Region Air Navigation Strategy and agree on monitoring elements for the implementation of ASBU parts related CNS. The meeting will address the ADS-B implementation in the MID Region and the outcome of related events/groups, inter-alia, MIDAMC STG/6, WRC-19, Cyber Security and Resilience Symposium.

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. The list States focal points for CNS is at **Attachment D**.

Please note that the Sixth MID ATS Messaging Management Centre Steering Group (MIDAMC STG/6) will be held back-to-back with the CNS SG/10 from **23 to 24 March 2020**.

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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 **10 March 2020**, 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 **1 March 2020**, confirm the participation of your Administration/Organization giving the names and contact details of your delegate(s), by submitting the Nomination Form at **Attachment E** to ICAO MID Office ([icaomid@icao.int](mailto:icaomid@icao.int)) with a copy to ([malnadaf@icao.int](mailto:malnadaf@icao.int)).

Accept, Sir, the assurance of my highest consideration.



Mohamed Khalifa Rahma  
Middle East Regional Director

**Attachments**

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

**(CNS SG/10)**

*(Muscat, Oman, 24-26 March 2020)*

**PROVISIONAL AGENDA**

- Agenda Item 1:** Adoption of the Provisional Agenda
- Agenda Item 2:** Follow-up on MIDANPIRG/17 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/6
  - Outcome of the WRC/19
  - Frequency Management
  - Datalink Implementation
  - GNSS Issues
  - IC Code Management
  - ADS-B Implementation and Data
  - MID Region Surveillance Plan
  - ANS Cyber Resilience
- Agenda Item 5:** Review and update of the MID eANP and MID Region Air Navigation Strategy Parts 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.
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**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) methodology 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 ANSIG, 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 methodology;
- b) provide necessary inputs to the MID 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; and
- 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.

**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.

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*International Civil Aviation Organization*

**Tenth Meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/10)**

*(Muscat, Oman, 24-26 March 2020)*

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**BULLETIN**

**1. LOCATION**

1.1 The Tenth meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/10) will be gratefully hosted by the Public Authority for Civil Aviation (PACA) of Oman. The meeting will be held at **PACA Headquarters, Muscat, Oman**, from 24 to 26 March 2020.

**2. SCHEDULE OF THE MEETING**

- 2.1 The opening session of the meeting will be held at 0900 hours on Tuesday 24 March 2020.
- 2.2 The schedule and order of the day will be announced at the opening session.
- 2.3 The Meeting will be conducted in English.

**3. REGISTRATION OF PARTICIPANTS**

3.1 Participants are requested to register, at the Registration Desk located at the entrance of the designated conference room, between 08:30 and 09:00 hours on the opening day of the Meeting. Participants are also requested to wear the Identification Badge which will be issued to them during registration.

**4. DOCUMENTATION**

4.1 Please note that no documentation will be available in hard copy format. However, documentation related to the Meeting will be available on the ICAO MID Regional Office website. Accordingly, participants are requested to download the documentation from the web and bring along their own hard copies or their laptops to the meeting, as appropriate.

**5. HOTEL RESERVATIONS**

- 5.1 Participants will need to arrange their own hotel and travel reservations.
- 5.2 A list of hotels with PACA corporate rates will be provided/posted on the ICAO MID Office website, in due course.
- 5.3 Participants are requested to ensure that their return airline booking is confirmed.

**6. TRANSPORTATION**

- 6.1 Participants are required to arrange their own transportation.
- 6.2 Airport Taxi Services operate private limousine services from the airport to Muscat City, and its neighborhoods at OMR 10 approximately per vehicle.

6.3 Car rental agencies are located at the arrival hall of the airport terminal building.

## 7. INSURANCE

7.1 Participants are advised to have insurance coverage for any unexpected contingency including transport hazards (taxi, buses, rented cars, etc.) and Medical Coverage.

## 8. SOME USEFUL TRAVEL INFORMATION

### PASSPORT/VISA

8.1 All foreign nationals entering the Sultanate of Oman must possess valid passports or other valid documents for travel. Documents with less than six months to run before expiry are not acceptable.

8.2 It is mandatory for all non-GCC participants to obtain visas from the Sultanate of Oman Embassy or Consulate in their country prior to their departure for Muscat. Some non-GCC citizens may obtain visas upon arrival. These nationalities are listed in the following website: [www.rop.gov.om](http://www.rop.gov.om).

8.3 PACA will provide necessary assistance for the issuance of entry Visas for the delegates, when needed.

8.4 With a view to assist in the process of issuance of entry visa to the Sultanate of Oman, copy of the passport of delegate with a personal photo, should be sent, as soon as possible to PACA, to the attention of Mr. Majid Nasser Al-Siyabi (email: [m.siyabi@paca.gov.om](mailto:m.siyabi@paca.gov.om); Office: +968 -96505544).

### CUSTOMS

8.5 The following items may be brought into the Sultanate of Oman duty free:

Personal effects, such as necessary clothing  
200 cigarettes or 250 gr. of cigars or tobacco  
Perfume for personal use.

8.6 Additional quantities of the above items may also be purchased at Muscat International Airport duty free arrival shops before clearing customs. Non-Muslims may purchase reasonable quantities of alcoholic drinks at this outlet.

## 9. CURRENCY, CREDIT CARDS AND BANKING SERVICES

9.1 The unit of currency in Oman is the **Omani Riyal (OMR)**. The unit is divided into 1000 baizas with notes of 100, and 500 baizas and Riyal notes of 1, 5, 10, 20, and 50. The Riyal to USD exchange rate is 1 OMR = 2.6 US\$

9.2 There are restrictions on import of foreign currency. Not more than 6000 OMR allowed.

9.3 International Credit Cards, such as American Express, Diners Club, Visa, Master Card, Carte Blanche, etc. are usually accepted at most hotels, department stores and restaurants.

9.4 All commercial banks exchange major foreign currencies are open from 0800 to 1400, Sundays through Thursdays. There are also plenty of foreign exchange houses who do accept foreign currency. There are plenty of ATM machines all over Oman which are strategically located.

## **10. OTHER USEFUL INFORMATION**

10.1 A large variety of shopping choices are available in Grand Shopping Centers, Malls and Hypermarkets including all goods and demands that range from necessary stuff to luxurious ones.

## **11. WEATHER CONDITIONS**

11.1 The main daily minimum and maximum temperatures for the month of March in Oman are between 29 °C and 36 °C. You may also wish to check the weather forecasting prior to travel.

## **12. OTHER ASSISTANCE**

12.1 The Public Authority for Civil Aviation in Oman (PACA) will be glad to assist the participants to the meeting with any advice they may require.

12.2 In case of emergency in Oman, please call the Focal Point from PACA Mr. Nasser AL-Kaabi (email: [n.alkaabi@paca.gov.om](mailto:n.alkaabi@paca.gov.om); Mobile: +968 -96627809) and Mr. Majid Nasser Al-Siyabi (email: [m.siyabi@paca.gov.om](mailto:m.siyabi@paca.gov.om); Office: +968 -96505544).

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## CNS FOCAL POINTS

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

**(CNS SG/10)**

*(Muscat, Oman, 24-26 March 2020)*

**NOMINATION FORM**

Name in full: \_\_\_\_\_  
Mr. / Mrs. / Ms. (as should appear in the official listing and name tag)

Title or Official Position: \_\_\_\_\_

State/Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Mobile Number: \_\_\_\_\_

E-mail: \_\_\_\_\_

Hotel \_\_\_\_\_

Date: ..... Signature: .....

After completing, please send to: ICAO MID Office at the following e-mail address: ([icaomid@icao.int](mailto:icaomid@icao.int)) with a copy to ([malnadaf@icao.int](mailto:malnadaf@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.*