



*International Civil Aviation Organization*

**Middle East Air Navigation Planning and  
Implementation Regional Group**

**Sixteenth Meeting (MIDANPIRG/16)  
(Kuwait, 13 – 16 February 2017)**

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**Agenda Item 5.2.2: Specific Air Navigation issues**

**CNS ISSUES**

*(Presented by the Secretariat)*

**SUMMARY**

This paper presents the ICAO position for WRC 19, the outcome of the Frequency Finder workshop and other issues related to surveillance.

Action by the meeting is at paragraph 3.

**REFERENCES**

- CNS SG/7 Report
- Frequency Finder Workshop SoD
- MIDANPIRG/15 Report
- MSG/5 Report

**1. INTRODUCTION**

1.1 The Seventh meeting of the MIDANPIRG Communication, Navigation and Surveillance Sub-Group (CNS SG/7) was held at the ICAO MID Regional Office, Cairo, Egypt, 31 May - 02 June 2016.

1.2 The Workshop on Radio Frequency Management and Frequency Finder was successfully held at the ICAO MID Regional Office, Cairo, Egypt, 09 - 13 October 2016.

**2. DISCUSSION**

***ICAO POSITION FOR WRC-19***

2.1 The ICAO Position for the ITU WRC-19 was initially developed in 2016 with the assistance of the Frequency Spectrum Management Panel (FSMP) and was also submitted to ICAO Contracting States and relevant international organizations, for comment by 1 March 2017, through State Letter E 3/5-16/90, dated 01 December 2016.

2.2 The meeting may wish to note that the FSMP-WG/4 meeting is scheduled to be held from 29 March to 7 April 2017 for a final review of the ICAO Position for WRC-19 based on responses from States. The meeting will also review any updates to the ICAO Spectrum Policy and Strategy, in order to present a complete package for ANC and a subsequent approval by ICAO Council during its session in May/June.

2.3 States and international organizations are requested to take into consideration the ICAO Position, to the maximum extent possible, in their preparatory activities for the WRC-19 at national level, in the activities of the regional telecommunication organizations and in the relevant meetings of the ITU.

### ***Frequency Finder***

2.4 ICAO has started rolling out the Frequency Finder tool through Workshops in the Regions. This tool and the complete documents for installation are available free of charge to all States at the following website: (<http://www.icao.int/safety/FSMP/Documents/FrequencyFinder>). This tool provides the option to maintain ICAO Global COM list 3 database for VHF COM frequency assignments in the band 117.975 – 137 MHz.

2.5 The ICAO MID Regional Office was the first Region to conduct the Frequency Finder Workshop (Cairo, Egypt, 9-13 October 2016). The Workshop was attended by a total of twenty six (26) participants from six (6) States (Bahrain, Egypt, Iran, Saudi Arabia, Uganda and United Arab Emirates) and one (1) Regional Organization (GCC) The Workshop developed the following Recommendations:

- States are invited to:
  - verify and update existing registered frequencies in the COM list;
  - add any missing frequencies with the full details and links to FIR, where applicable;
  - add Extended Range identification, where applicable;
  - delete unused frequencies;
  - identify to the Regional Office for deletion purposes the duplicate frequencies contained in the other Region list (e.g. EUR/AFI);
  - send the changes in excel format generated by the FF export function; and
  - send new frequency proposals using the excel format generated by the FF.
- MID Regional Office is invited to:
  - send State Letter with standard excel sheet format requesting States to provide updates;
  - update the MID COM list 3 in the Global Frequency Database;
  - continue the coordination and update of the MID COM list 3 in the Global Frequency Database; and
  - support ICAO HQ for the development of the other modules (NAV/AID, HF, etc.)
- MID Region to consider revising frequency allotment plan; and use of polygons.

### ***Surveillance Mode S Radar IC Allocation and ADS-B Implementation***

2.6 The meeting may wish to recall that “MID Region Process for Mode S Interrogator Codes Allocation” has been endorsed by MIDANPIRG/15. However the process is still not followed by some States. Accordingly, the following points were reiterated by the CNS SG/7 meeting:

- Focal Point Nomination Process;
- Focal Point Responsibilities;
- Mode S Operator Responsibilities;
- MICA Cell Responsibilities; and
- IC Allocation Coordination Requirements and Follow-up.

2.7 The meeting may wish to reiterate that the States that have not done so, need to follow the process and assign the focal points and register to the MICA application at the following link: <https://ext.eurocontrol.int/mica/Index.action>

### ***ADS-B out plan and Monitoring***

2.8 The CNS SG/7 meeting discussed the ADS-B implementation and recognized the efficiencies it provides for the operations. It was highlighted that ADS-B implementation is included in the GANP Roadmap as a technology that supports many ASBU Modules. Furthermore, ADS-B is/will be mandated in some ICAO Regions and even some MID States.

2.9 The meeting may wish to recall that MSG/5 Decision 5/9 tasked the CNS SG to develop a MID Region ADS-B Implementation Plan including the ADS-B Monitoring Template. Accordingly, the CNS SG/7 meeting developed Template for ADS-B OUT Implementation Status Monitoring as at **Appendix A**. The meeting requested States to develop their ADS-B Implementation, and agreed to the following Draft Conclusion:

<b>Why</b>	To follow-up and report the ADS-B out implementation
<b>What</b>	ADS-B implementation Status monitoring template
<b>Who</b>	MIDANPIRG/16 and States
<b>When</b>	February 2017

### ***DRAFT CONCLUSION 7/6: ADS-B IMPLEMENTATION STATUS MONITORING TEMPLATE***

*That,*

- a) the template at **Appendix A** be adopted for the ADS-B implementation Status monitoring; and*
- b) States be urged to provide the ADS-B Status using the adopted template.*

### **3. ACTION BY THE MEETING**

3.1 The meeting is invited to:

- a) urge States to reply to State letter E 3/5-16/90 before 1 March 2017 and to support the ICAO position to WRC-19;
- b) agree to the Draft Conclusion in para 2.9; and
- c) urge States to implement the Recommendations of the Frequency Finder Workshop and use the Frequency Finder for requesting frequencies in the COM list 3.

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## APPENDIX A

ADS-B OUT implementation

State	Mandate	Ground Station Capabilities	Flight Level	ATC Procedure	Data sharing Protocol	Data sharing States
Bahrain						
Egypt						
Iran						
Iraq						
Jordan						
Kuwait						
Lebanon						
Libya						
Oman						
Qatar						
Saudi Arabia						
Sudan						
Syria						
UAE						
Yemen						

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