



International  
Civil Aviation  
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Международная  
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منظمة الطيران  
المدنى الدولى

国际民用  
航空组织

File Ref.: AN 7/30.15.1-23/112

17 May 2023

**Subject: Preparatory Workshop for World Radiocommunication Conference for 2023 (WRC-23) (Cairo, Egypt, 28-29 August 2023) and Seventeenth Working Group Meeting of the Frequency Spectrum Management Panel (FSMP-WG/17) (Cairo, Egypt, 30 August-7 September 2023)**

**Action required: Reply not later than 20 July 2023**

Sir.

I have the honour to invite your Administration/Organization to participate in the WRC-2023 Preparatory Workshop (Cairo, Egypt, 28-29 August 2023) and the Seventeenth Working Group Meeting of the Frequency Spectrum Management Panel (FSMP-WG/17) (Cairo, Egypt, 30 August-7 September 2023) that will be gratefully hosted by Egyptian Ministry of Civil Aviation.

The meetings will be held back-to-back in Cairo, Egypt **from 28 August to 7 September 2023**.

The Provisional Agendas for the WRC-2023 Preparatory Workshop and the FSMP-WG/17 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 Bulletin describing administrative arrangements and hotel lists for the Workshop and other useful information for participants is provided at: <https://www.icao.int/MID/Pages/MID-Office-Bulletin.aspx>

In order to support the Workshop on WRC-23 more effectively, the ICAO Headquarter will organize the FSMP WG/17 in Cairo, Egypt. The States/Administrations are encouraged to participate in FSMP WG/17 to better understand the work of the Panel.

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States/Administrations are also encouraged to urge participants involved in aeronautical frequency management and planning including assignment of frequencies for CNS facilities to participate, the designated contact persons in civil aviation responsible for preparation of World Radio Conference (WRC) positions of States are also invited.

To streamline the workflow, it is strongly urged that States/International Organizations submit Presentations, Working Papers, or Information Papers relevant to the proposed agenda for the Meeting in Word/Power Point format to this office by e-mail to [icaomid@icao.int](mailto:icaomid@icao.int) with copy to [malnadaf@icao.int](mailto:malnadaf@icao.int) at the earliest convenience, **preferably by 20 July 2023.**

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 Ministry of Egyptian Civil Aviation will be glad to assist participants with any advice they may require, by communicating directly with the Egyptian Focal Point: Mrs. Galila Mohamed Zaki, General Manager of Public Relations Department and Protocols, Mob. No.: (+2) 01030002324 and email: [galilamohamedsalem@gmail.com](mailto:galilamohamedsalem@gmail.com)

I would appreciate if you could, as soon as possible, preferably not later than **20 July 2023**, confirm the participation of your Administration/Organization giving the names and contact details of your delegate(s), by submitting the WRC-2023 and FSMP-WG/17 Nomination Forms at **Attachment C** to the following email address ([icaomid@icao.int](mailto:icaomid@icao.int)) with copy to ([malnadaf@icao.int](mailto:malnadaf@icao.int)).

Accept, Sir, the assurances of my highest consideration.



Mohamed Abubaker Farea  
Regional Director  
ICAO Middle East Office

## **Attachments**



*International Civil Aviation Organization*

**REGIONAL PREPARATORY GROUP (RPG) MEETING  
FOR WRC-2023**

Cairo, Egypt, 28-29 August 2023

**PROVISIONAL AGENDA**

**1. Introduction**

- ITU/WRC process, results of WRC-19

**2. WRC-23: Aviation related topics and action plans to be implemented at the national and regional levels**

- An overview of all aviation relevant agenda items to be addressed by WRC-23
  - WRC-23 AI 1.6 – Radiocommunications for sub-orbital vehicles
  - WRC-23 AI 1.7 – Space based VHF (AMS(R)S) allocation in the 117.975-137 MHz band
  - WRC-23 AI 1.8 – Fixed Satellite Service allocations for RPAS C2 Link
  - WRC-23 AI 1.9 – Wideband HF for aeronautical safety communications
  - WRC-23 AI 1.10 – Potential new non-safety aeronautical mobile service allocations
  - WRC-23 AI 9.2 – Difficulties or inconsistencies encountered in the application of the RR
- WRC-23 Agenda Items which may negatively affect spectrum access for aeronautical systems or services (1.1, 1.2, 1.3, 1.4, 1.11, 1.13, 1.15, 1.16, 1.17, 4, 8, 9.1 topic a, 9.1 topic b)

**3. Regional preparations for WRC-23**

- The Arab Spectrum Management Group (ASMG) Preparation for the WRC-23
- Update from other Regional WRC preparatory groups

**4. Radio Altimeter and 5G issues (not on the specific agenda for WRC-23)**

- Regional radar altimeter status
- New altimeter design and SARPS progress

**5. The reality of frequency management in MID: current practices and new challenges**

- Aeronautical frequency management in the MID Region
- ICAO provisions: Handbook on Radio Frequency Spectrum Requirements for Civil Aviation (Doc 9718), Volumes I, and II

**6. Any other business**

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# INTERNATIONAL CIVIL AVIATION ORGANIZATION

## SEVENTEENTH WORKING GROUP MEETING OF THE FREQUENCY SPECTRUM MANAGEMENT PANEL (FSMP-WG/17)

*(Cairo, Egypt – 30 August – 7 September 2023)*

- Agenda Item 1            Opening and Working Arrangements
- a)     Action Item Review
  - b)     Status of tasks identified on Job Cards
- Agenda Item 2            WRC-23 Preparations – FSMP.002.02
- a)     Identified conflicts between administration proposals and ICAO Position
  - b)     Discussion of expected future agenda item proposals from administrations
- Agenda Item 3            Development of Material for ITU-R Studies – FSMP.003.02
- a)     WRC-23 AI 1.6 Suborbital Vehicles
  - b)     WRC-23 AI 1.7 VHF AMS(R)S
  - c)     WRC-23 AI 1.8 FSS for UAS
  - d)     WRC-23 AI 1.9 Wideband HF
  - e)     WRC-23 AI 1.10 Non-safety AMS
  - f)     WRC-23 AI 9.1a Space Weather
  - g)     WRC-23 AI 9.2 Radio Regulations clean-up
  - h)     Other ITU-R material outside of WRC items
- Agenda Item 4            Radio Altimeter issues – FSMP.006.02
- a)     Report from correspondence group on radio altimeters (CG-RA)
  - b)     National efforts to implement broadband mobile near 4200-4400 MHz
    - i.     Mitigation Measures
    - ii.    Safety Cases/Compatibility Analyses
  - c)     Development of Radar Altimeter SARPS material for Annex 10, Vol. V
- Agenda Item 5            5 GHz Band Planning – FSMP.005.03
- a)     AeroMACS
  - b)     Global RPAS C2 link channel plan
- Agenda Item 6            Interference from Non-Aeronautical Sources – FSMP.004.03
- a)     Mobile service communications adjacent to 1518 MHz satellite communications frequency band (see action item 14-04)
  - b)     LED lighting systems
  - c)     Other reported interference
- Agenda Item 7            ICAO Frequency Spectrum Handbook (Doc 9718)  
– FSMP.001.02 & FSMP.005.03
- a)     Restructure and update of Volume I
  - b)     Update of Volume II
- Agenda Item 8            Any Other Business

-END-

**Regional Preparatory Group (RPG) Meeting for WRC-2023  
(Cairo, Egypt, 28-29 August 2023) and**

**Seventeenth Working Group Meeting of the Frequency Spectrum Management Panel  
(FSMP-WG/17)  
(Cairo, Egypt, 30 August-7 September 2023)**

**NOMINATION FORM**

Please indicate which event(s) you will attend:

**WRC-2023  
28-29 August 2023**

**FSMP-WG/17  
30 Aug-7 Sept 2023**

- 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](mailto:icaomid@icao.int)) with copy to([malnadaf@icao.int](mailto:malnadaf@icao.int)).