



**REPORT OF**  
**THE WORKSHOP ON ITU WORLD RADIOCOMMUNICATION CONFERENCE 2027**  
**(WRC-27 WORKSHOP)**

*Dakar, Senegal, 02-03 March 2026*

## **1. Introduction**

1.1 The Workshop on ITU World Radiocommunication Conference 2027 (WRC-27 Workshop) was held in the ICAO Western and Central African (WACAF) Office in Dakar, Senegal from 02 to 03 March 2026. The workshop was organized in conjunction with the following meetings.

- AFI Regional workshop on Spectrum management, Dakar, Senegal, 4-5 March 2026.
- Twenty Second Working Group Meeting of the Frequency Spectrum Management Panel (FSMP-WG/22), Dakar, Senegal, 2-13 March 2026.

1.2 The objective of the workshop was to provide the background and information to States/Administrations in preparing their delegations for the WRC-27, and address other spectrum issues of vital importance to the international aviation community.

## **2. Opening of the Meeting**

2.1 Mr. Andrew Roy, Chairperson of the Frequency Spectrum Management Panel, gave a welcome address to all participants and expressed appreciation to the WACAF regional office for hosting the workshop. He highlighted the objective of the workshop and the importance of securing the availability of an adequate frequency spectrum free from harmful interference.

2.2 Mr Romain Ekoto Ekoto, Regional Director WACAF provided opening remarks expressing appreciation to the administrations and international organizations for their active support in promoting and supporting the ICAO WRC-27 position to the ITU. He underscored the importance of strengthened regional cooperation and enhanced technical capacity to safeguard aviation spectrum, address persistent interference challenges, and ensure the AFI region's effective preparation for the Deputy Regional Director, Mr. Nika Manzi, also attended the opening session.

2.3 Ms. Mie Utsunomiya, technical officer (TO) CNS, ICAO Headquarters, acted as Secretary, assisted by Ms. Sandrine Gnassou, Regional Officer CNS of the WACAF Office and by Mr. Harvey Lekamisy, Regional Officer CNS of ESAF Office.

## **3. Agenda of the Workshop**

3.1 The draft Agenda items of the workshop attached to the letter of invitation were adopted by the workshop without change.

- 1) Introduction
- 2) WRC-27: Agenda items of major concerns for the aviation community and action plans to be implemented at the national and regional levels
- 3) Regional preparations for WRC-27
- 4) Radio Altimeter and 5G issues
- 5) Issue of GNSS Interference
- 6) management in AFI region: current practices and new challenges
- 7) Any other business

## **4. Organization, Working arrangement, Language and Documentation**

4.1 The workshop met in a single session and was conducted in English and French, with simultaneous interpretation provided. However, all documents and the final report were published in English only.

## 5. Agenda

### 5.1 Agenda Item 1: Introduction

5.1.1 Under this agenda, following topics were reviewed and discussed.

Presentation Title	Presenter
<a href="#">ITU/WRC process, and preparation for future WRCs</a>	Secretariat
<a href="#">An overview of all aviation relevant agenda items to be addressed by WRC-27</a>	Mr. Andrew Roy, ASRI FSMP chairperson,
<a href="#">ITU Preparatory process towards WRC-27</a>	Mr. Karlis Bogens, ITU

### 5.2 Agenda Item 2: WRC-27: Aviation related topics and action plans to be implemented at the national and regional levels

5.2.1 The workshop received a number of presentations as follows, on the important WRC-27 agenda items relevant to aviation.

Presentation Title	Presenter
<a href="#">WRC-27 Agenda Item 1.5 – limiting non-GSO</a>	Mr. Christian Fleury, France
<a href="#">WRC-27 Agenda Item 1.7 – IMT/Radio altimeter Radio Altimeter</a>	Mr. Andrew Roy, ASRI
<a href="#">WRC-27 Agenda Item 1.9 – AM(OR)S</a>	Mr. Christian Fleury, France
<a href="#">WRC-27 Agenda Item 1.11 – Space-to-Space links</a>	Mr. Damon Ladson, USA
<a href="#">WRC-27 Agenda Item 1.12 – MSS</a>	Mr. Damon Ladson, USA
<a href="#">WRC-27 Agenda Item 1.13 – Space based IMT</a>	Mr. Abed Ferr, Canada
<a href="#">WRC-27 Agenda Item 1.15 – Lunar communications</a>	Mr. Chris Tourigny, USA
<a href="#">WRC-27 Agenda Item 1.16 – Radio Quiet Zones</a>	Mr. Christian Fleury, France
<a href="#">WRC-27 Agenda Item 1.17 – Space Weather Sensors</a>	Mr. Chris Tourigny, USA
<a href="#">WRC-27 Agenda Item 1.18 – Unwanted emission above 76 GHz</a>	Mr. Katsuyuki Arakawa, Japan
<a href="#">WRC-27 Agenda Item 1.19 – Sea surface in RA band</a>	Mr. Andrew Roy, ASRI
<a href="#">WRC-27 Agenda Item 4 – Res 676 (WRC-23)</a>	Mr. Kim Kolb, ICCAIA
<a href="#">WRC-27 Agenda Item 9.1 – UAS C2 Link</a>	Mr. Guillaume Novella, France
<a href="#">WRC-27 Agenda Item 9.2 – GMDSS</a>	Mr. Damon Ladson, USA
<a href="#">WRC-27 Agenda Item 10 – Future Agenda Items and WRC Planning</a>	Mr. Guillaume Novella, France

5.2.2 Noting serious concerns from different participants on the progress of WRC-27 Agenda item 1.7 and its relevant ITU-R studies related to the radio altimeter, the States/Administrations were urged to follow ICAO Assembly Resolution A42-7 to strongly support both the ICAO frequency spectrum strategy and position at WRCs. Specifically the States/Administrations were encouraged to communicate with radio regulatory authorities for ensuring, to the maximum extent possible, that the ICAO position was accounted for in the development of national and regional positions. It has also highly recommended that delegations to regional conferences, ITU study groups and WRCs include experts from their civil aviation authorities and other civil aviation stakeholders who are fully prepared to represent aviation interests.

### 5.3 Agenda Item 3: Regional preparations for WRC-27

5.3.1 Under this agenda, following topic was reviewed and discussed.

Presentation Title	Presenter
<a href="#">Status of African Telecommunication Union (ATU) preparations for WRC-27</a>	Ms. Lisa Tele, South Africa

### 5.4 Agenda Item 4: Radio Altimeter and 5G issues

5.4.1 Concerns on the potential interference from 5G to radio altimeter were raised under this agenda and following topics were reviewed and discussed.

Presentation Title	Presenter
<a href="#">FSMP AFI workshp Radio Altimeters</a>	Mr. Andrew Roy, ASRI

### 5.5 Agenda Item 5: Issue of GNSS Interference

5.5.1 Under this agenda, following topics were reviewed and discussed.

Presentation Title	Presenter
<a href="#">GNSS Interference</a>	Mr. Kim Kolb, ICCAIA
<a href="#">GNSS Interference</a>	Mr. Mathieu Hussong, France

5.5.2 Through the presentations, the workshop was informed of the increasing number of observed GNSS interference incidents worldwide and the resulting implications for the safety and security of air navigation. Participants expressed serious concerns regarding the growing impact of GNSS interference on the integrity of air navigation systems. States and Administrations were encouraged to closely monitor these developments and adopt a comprehensive, well-coordinated approach to address this pressing issue.

### 5.6 Agenda Item 6: The reality of frequency management in AFI region: current practices and new challenges

5.6.1 Under this agenda item, the following topics were reviewed and discussed.

Presentation Title	Presenter
<a href="#">Aeronautical Frequency Management in the AFI Region</a>	Mr. Harvey Gabriel Lekamisy, ICAO ESAF Office, / Ms. Sandrine Gnassou, ICAO WACAF Office
<a href="#">Relevant ICAO provisions</a>	Mie Utsunomiya, ICAO HQ

### 5.7 Agenda Item 7: Any other business

5.7.1 Noting the ongoing progress of related studies, and recognizing that updates to the ICAO position may emerge, the workshop was informed that an additional remote workshop/webinar is planned for 2027 to review and understand these developments.

5.7.2 The workshop concluded with expressions of appreciation to all participants from Member States, Administrations, and Organizations for their valuable contributions and active engagement in support of preparations for WRC-27.

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