



International  
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Международная  
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国际民用  
航空组织

*When replying please quote:*

Ref.: NT-NE24-4 — **E.OSG - NACC70403**

14 December 2017



To: States, Territories and International Organizations

**Subject:** ICAO NAM/CAR/SAM Regional Preparatory Group (RPG) Workshop for the International Telecommunications Union World Radiocommunication Conference (ITU WRC-2019) (RPG/ITU WRC-2019)  
Mexico City, Mexico, 6 – 7 February 2018

Sixth Working Group Meeting of the Frequency Spectrum Management Panel (FSMP-WG/6)  
Mexico City, Mexico, 8 – 15 February 2018

**Action**

**Required:** a) Send presentations by 19 January 2018.  
b) Register participants by 26 January 2018.

Sir/Madam,

I have the honour to inform you that ICAO will conduct two important events on aeronautical frequency spectrum; the first will be the ICAO NAM/CAR/SAM Regional Preparatory Group (RPG) Workshop for the International Telecommunications Union World Radiocommunication Conference (ITU WRC-2019) from 6 to 7 February 2018 and the second, the Sixth Working Group Meeting of the Frequency Spectrum Management Panel (FSMP-WG/6) from 8 to 15 February 2018. Both events will be held in the ICAO NACC Regional Office in Mexico City, Mexico. The RPG/ITU WRC-2019 Workshop will have simultaneous interpretation services, but the FSMP-WG/6 Meeting will only be conducted in English.

The objective of these events is to support States in the appropriate management of the frequency spectrum and in preparing to support the ICAO position at the ITU WRC-2019. Therefore, they are addressed to staff in charge of radio frequency spectrum management and the Points of Contact nominated by your Administration to coordinate the support to the ICAO position at World Radiocommunication Conferences (WRC).

It is important to recall that air traffic management requires access to appropriate radio communication systems for the provision of air-ground communications, navigation and surveillance at the necessary availability and reliability levels. These telecommunication systems are based on the appropriate and sufficient provision of a spectrum, as well as its effective/efficient protection.

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The subject of the RPG/ITU WRC-2019 workshop is the ITU conference that will be held in 2019, considering the ICAO position at the ITU; its objective is the availability of the air navigation radioelectric spectrum for the current and future aviation services.

The FSMP-WG/6 will focus on the use of the electrical spectrum in aviation, the studies developed by ITU regarding future technologies and its frequency use requirements.

NAM/CAR/SAM Regions States/Territories are kindly invited to participate in these events, which will provide a unique opportunity to directly acquiring updated information on the aeronautical frequency spectrum and to sharing experiences with international experts.

The Provisional Agendas for the RPG/ITU WRC-2019 (**Attachment A**) and the FSMP-WG/6 (**Attachment B**) are enclosed. The documentation of the RPG/UIT CMR-2019 will be available at the ICAO NACC Regional Office web site: <https://www.icao.int/NACC/Pages/Meetings.aspx?year=2017&cM=11&cY=2017>, and the documentation for the FSMP-WG/6 will be available at: [www.icao.int/safety/fsmp](http://www.icao.int/safety/fsmp)

I encourage your Administration to participate in both events. Please send the registration form (**Attachment C**) by **26 January 2018**. If your Administration wishes to participate with a presentation in the regional workshop, please send it to this Regional Office by **19 January 2018**.

If you require further information regarding the events, please contact Mrs. Mayda Ávila, Regional Officer, Communications, Navigation and Surveillance (mavila@icao.int), or Mrs. Sybil Gomez, Assistant (sgomez@icao.int).

Accept, Sir/Madam, the assurances of my highest consideration.



Melvin Cintron  
for  
Regional Director  
North American, Central American and  
Caribbean (NACC) Regional Office

**Enclosure:**

*A – RPG/ITU WRC-2019 Provisional Agenda*

*B – FSMP-WG/6 Provisional Agenda*

*C – Registration form*

## ATTACHMENT A



*International Civil Aviation Organization*

### **ICAO NAM/CAR/SAM REGIONAL PREPARATORY GROUP (RPG) WORKSHOP FOR THE INTERNATIONAL TELECOMMUNICATIONS UNION WORLD RADIOCOMMUNICATION CONFERENCE (ITU WRC- 2019) (RPG/ITU WRC-2019)**

(Mexico City, Mexico, 6 – 7 February 2018)

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#### **PROVISIONAL AGENDA**

##### **1. Introduction**

- ITU/WRC Process, Results of WRC-15
- Preparation for future WRCs

##### **2. Preparation of the WRC/19: Action Plan to be Implemented at the National and Regional Levels**

- Overview of aviation relevant agenda items to be addressed by the next WRC (WRC-19)
- WRC-19 Agenda Item 1.10 - Spectrum needs and regulatory provisions for the introduction and use of the Global Aeronautical Distress and Safety System (GADSS)
  - GADSS Concept – in depth
  - GADSS deliberations in the ITU
- WRC-19 Agenda Item 9.1.4 – Stations on board sub-orbital vehicles
- WRC-19 Agenda Items which may negatively affect spectrum access for aeronautical systems or services (1.7, 1.8, 1.9, 1.11, 1.12, 1.13, 1.14, 1.16, 9.1.3, 9.1.6)
- ITU Preparatory process towards WRC-19
- Regional preparatory processes towards WRC-19 (CITEL, APT, CEPT, ATU)

##### **3. Spectrum Issues and Challenges not on the Specific WRC-19 Agenda**

- Command and control link for remotely piloted aircraft systems
  - Potential frequency bands for line of sight use (5 GHz, other)
  - Use of the Fixed Satellite Service (ITU Resolution 155 (WRC-15))
  - Potential new Aeronautical Mobile Satellite Route Service system in the 5 GHz band
  - Small Remote piloted aircraft system (RPAS)
- Potential interference to Radio Altimeters due to future WRC decisions and its mitigation
- Programme Making and Special Events in 960-1164 MHz band

##### **4. The Reality of Frequency Management in NACC and SAM: Current Practices and New Challenges**

- Aeronautical frequency management in the NAM/CAR/SAM Regions
- ICAO provisions: Doc 9718 - *Handbook on Radio Frequency Spectrum Requirements for Civil Aviation*, Volumes I, and II
- The new ICAO frequency management tool “Frequency Finder”

##### **5. Any Other Business**

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## ATTACHMENT B



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### **SIXTH WORKING GROUP MEETING OF THE FREQUENCY SPECTRUM MANAGEMENT PANEL (FSMP-WG/6)**

(Mexico City, Mexico 8 – 15 February 2018)

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#### **PROVISIONAL AGENDA**

- Agenda Item 1            Opening and Working Arrangements
- Action Item Review
  - Status of Tasks Identified on Job Cards
- Agenda Item 2            Radio Altimeter and Wireless Aircraft Intra-Communications (WAIC) issues
- Status of Compatibility Testing
- Agenda Item 3            Development of (planned) Material for ITU-R Studies on:
- a)       Fixed Satellite Services (FSS) for Unmanned aircraft system (UAS)
  - b)       Global Aeronautical Distress and Safety System (GADSS)
    - i.        ITU Radio Regulations (RR) non-Article 5 changes
    - ii.       Working Party 5B (WP5B) request for a list of systems/bands?
  - c)       Status of proposed update to Recommendation ITU-R SM.1009
- Agenda Item 4            5 GHz Band Planning
- a)       AeroMACS status
  - b)       Global UAS/ Remote Piloted Aircraft System (RPAS) channel plan
- Agenda Item 5            New Provisions to Support Aeronautical Radiocommunications
- L-band Digital Aeronautical Communication System (LDACS), status update CP WG-T
  - RPASP Discussion of Direct Ground-Ground Very High Frequency (VHF) Communications
- Agenda Item 6            Interference From Non-Aeronautical Sources
- a)       Programme Making and Special Events (PMSE)
  - b)       Long Term Evolution (LTE) introduction adjacent to 1518-1559 MHz Satellite Communication (SATCOM) Band
- Agenda Item 7            Any Other Business
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ICAO



OACI

North American, Central American and Caribbean Office (NACC)  
Oficina para Norteamérica, Centroamérica y Caribe (NACC)

**ICAO NAM/CAR/SAM Regional Preparatory Group (RPG) Workshop for the International Telecommunications Union World Radiocommunication Conference (ITU WRC-2019) / Taller NAM/CAR/SAM del Grupo Preparatorio Regional (RPG) de la OACI para la Conferencia Mundial de Radiocomunicaciones de la Unión Internacional de Telecomunicaciones (UIT CMR-2019)**  
Mexico City, Mexico, 6 – 7 February 2018 / Ciudad de México, México, 6 – 7 de febrero de 2018  
**Sixth Working Group Meeting of the Frequency Spectrum Management Panel (FSMP-WG/6)**  
Mexico City, Mexico, 8 – 15 February 2018 / Ciudad de México, México, 8 – 15 de febrero de 2018

**REGISTRATION FORM / FORMULARIO DE REGISTRO**

|  |  |           |  |
|--|--|-----------|--|
| I will attend/Participaré en (Please indicate/Por favor indicar) |  |           |  |
| RPG – ITU WRC-2019   |  | FSMP-WG/6 |  |

|     |  |   |  |                       |                 |
|-----|--|---|--|-----------------------|-----------------|
| 1.  | Position in your Delegation:<br>(Please select one option)   | Chief Delegate /<br>Jefe de la Delegación |  | Delegate / Delegado   |                 |
|     | Posición dentro de su Delegación:<br>(Por favor seleccione una opción)   | Adviser / Asesor                          |  | Observer / Observador |                 |
|     |  | Speaker / Conferencista                   |  | Moderator / Moderador |                 |
| 2.  | Country / Organization<br>País / Organización  |   |  |                       |                 |
| 3.  | Salutation / Encabezamiento  | Mr. /<br>Sr.                              |  | Mrs. /<br>Sra.        | Miss /<br>Srta. |
| 4.  | Name / Nombre  |   |  |                       |                 |
| 5.  | Official Position or Title /<br>Cargo o Título Oficial   |   |  |                       |                 |
| 6.  | Official Telephone / Teléfono oficial  |   |  |                       |                 |
| 7.  | Mobile (to contact you in case of an emergency)<br>Celular (para contactarle en caso de emergencia)                                  |   |  |                       |                 |
| 8.  | Official E-mail / Correo-e oficial   |   |  |                       |                 |
| 9.  | Hotel and address where you will be staying during the event / Hotel y dirección donde se estará hospedando durante el evento        |   |  |                       |                 |
| 10. | Please indicate if accompanied by your family<br>Por favor indique si lo acompaña su familia   | Yes / Sí                                  |  | #                     |                 |
| 11. | Dates of total stay in the venue Country<br>Fechas de estancia total en el País del evento   |   |  |                       |                 |
| 12. | Please indicate if you have any medical condition or allergies / Por favor indique si usted tiene alguna condición médica o alergias |   |  |                       |                 |
| 13. | Emergency contact information in your country of origin /<br>Información de contacto para emergencias en su país de origen           | Name<br>Nombre                            |  |                       |                 |
|     |  | Relationship<br>Relación                  |  |                       |                 |
|     |  | Telephone<br>Teléfono                     |  |                       |                 |

Please send this form to: / Por favor envíe este formulario a: E-mail: [icaonacc@icao.int](mailto:icaonacc@icao.int)