















































**Issue 9.1.9: *Studies relating to spectrum needs and possible allocation of the frequency band 51.4-52.4 GHz to the fixed-satellite service (Earth-to-space)***

**Preliminary Views**

**USA**

The United States supports the study of all aspects of spectrum needs for the development of the fixed-satellite service under *Resolves 1* of Resolution **162**. The United States further supports the study as appropriate of possible primary allocation to the FSS of the frequency band 51.4-52.4 GHz (Earth-to-space), limited to GSO FSS feeder links, under the terms of Resolution **162 (WRC-15)** to ensure compatibility with existing services, including adjacent bands as appropriate. Such studies should determine the suitability, including protection of fixed and mobile services, of a new primary allocation to the FSS in the frequency band 51.4-52.4 GHz (Earth-to-space), limited to FSS feeder links for geostationary orbit use, and the possible associated regulatory actions based on the results of these studies.

*Issue Coordinator: TBD*



**Agenda Item 9.2: *Difficulties and inconsistencies encountered in the application of the Radio Regulations***

**Preliminary Views**

**TBD**

*Issue Coordinator: TBD*



**Agenda Item 9.3:** on action in response to Resolution on action  
in response to Resolution **80 (Rev.WRC-07)**

**Preliminary Views**

**TBD**


*Issue Coordinator: TBD*



**Agenda Item 10: *Agenda Items for Future Conferences***

**TBD**


*Issue Coordinator:* Ana USTATE (COL) [ana.ustate@ane.gov.co](mailto:ana.ustate@ane.gov.co)



Organization of American States

## PRELIMINARY PROPOSALS (PP)

<sup>45</sup>  
*Inter-American Telecommunication Commission (CITEL)*



Organization of American States

### Issue 9.1.7: Unauthorized operation of earth station terminals

**Preliminary Proposal**

**USA**

**NOC** USA/9.1/9.1.7/1  
**Radio Regulations (WRC-15) Volumes 1, 2 and 4**


**USA**

**SUP** USA/9.1/9.1.7/2  
**ANNEX TO RESOLUTION 958 (WRC-15) No. 2**  
**Urgent studies required in preparation for the 2019 World Radiocommunication Conference**

**Reasons:** Earth station licensing and related issues are national matters and no changes to the Radio Regulations are necessary as Article 18 sufficiently addresses the required international regulatory measures. Instead, better training and monitoring capability, along with ITU developed reports and handbooks, can assist administrations in inhibiting the use of unauthorized uplink earth terminals and can enable administrations to locate and terminate the unauthorized transmissions.

**Issue Coordinator:** Hugo Mario TRIVIÑO (COL) [htrivino@mintic.gov.co](mailto:htrivino@mintic.gov.co)

<sup>46</sup>  
*Inter-American Telecommunication Commission (CITEL)*



Organization of American States

## DRAFT INTER-AMERICAN PROPOSALS (DIAP)

<sup>47</sup>  
Inter-American Telecommunication Commission (CITEL)



Organization of American States

**Agenda Item 1.11: *Railway Train and Trackside***

**DIAP**

**CAN, USA**

**NOC** DIAP/1.11/1

**Radio Regulations Volumes 1, 2 and 4**

**Reason:** The United States and Canada believe it is unnecessary to identify spectrum specifically for railway radiocommunication systems. Regional and global harmonization can be satisfied by developing applicable ITU-R Reports and Recommendations. Therefore, no change to the Radio Regulations or regulatory action is required under this agenda item.

**CAN, USA**

**SUP** DIAP/1.11/2

RESOLUTION 236 (WRC-15)


**Railway radiocommunication systems between train and trackside**

**Reasons:** The studies towards regional and global harmonization can be satisfied through ITU-R Recommendations and Reports.

**Issue Coordinator :** David TEJEDA (MEX) [david.tejeda@ift.org.mx](mailto:david.tejeda@ift.org.mx)

<sup>48</sup>  
Inter-American Telecommunication Commission (CITEL)




Organization of American States

**Agenda Item 1.12: ITS Harmonization**

**DIAP**  
**CAN, USA**


**NOC** DIAP/1.12/1  
Radio Regulations Volumes 1, 2 and 4

**Reason:** It is unnecessary to identify spectrum specifically for Intelligent Transport Systems. Regional and global harmonization can be satisfied by developing applicable ITU-R Reports and Recommendations. Therefore, no change to the Radio Regulations or regulatory action is required under this agenda item.

**CAN, USA**  
**SUP** DIAP/1.12/2  
RESOLUTION 237 (WRC-15)

**Intelligent Transport Systems applications**  
*Issue Coordinator : TBD Argentina    Alt Issue Coordinator : Francisco SOARES (B) [fsoares@qti.qualcomm.com](mailto:fsoares@qti.qualcomm.com)*

<sup>49</sup>  
*Inter-American Telecommunication Commission (CITEL)*


Organization of American States


**Issue 9.1.3:** technical and operational issues and regulatory provisions for new NGSO systems in the 3 700-4 200 MHz, 4 500-4 800 MHz, 5 925-6 425 MHz and 6 725-7 025 MHz bands allocated to FSS

**DIAP**  
**B, CAN, Guatemala, Uruguay**

ITU-R studies show that it would be very difficult to operate a non-GSO circular-orbit system for the purposes of a global broadband network in the 6/4 GHz frequency bands. Therefore, Canada supports no revision to Article 21, Table 21-4 for non-GSO FSS satellites in the frequency band 3700-4200 MHz (space-to-Earth) and no modifications to Article 22 epfd limits applicable to non-GSO systems in the bands 3700-4200 MHz (space-to-Earth) and 5925-6425 MHz (Earth-to-Space). Similarly, Canada proposes no change to the bands 4500-4800 MHz (space-to-Earth) and 6725-7025 MHz (Earth-to-space).

**Coordinator Agenda Item:** [Hugo Mario TRIVIÑO] – COL ; [Manoel ALMEIDA] - BR  
**Alternate Rapporteur Agenda Item:** Marcella OST - CAN


<sup>50</sup>  
*Inter-American Telecommunication Commission (CITEL)*



Organization of American States

## INTER-AMERICAN PROPOSALS (IAP)

<sup>51</sup>  
*Inter-American Telecommunication Commission (CITEL)*



Organization of American States

**Issue 9.1.8: *Narrowband and broadband machine-type communication infrastructures (1 of 2)***

**IAP**  
**Brazil, Colombia, Dominican Republic, Mexico, United States, Guatemala, Panama, Uruguay**

**NOC** DIAP/9.1 Issue 9.1.8/1  
**Radio Regulations Volumes 1, 2 and 4**

**Reasons:** Analysis of the current and future spectrum use for narrowband and broadband machine type communications (MTC), also known as machine-to-machine (M2M) or Internet of Things (IoT), concluded that there is no need to identify specific spectrum for those applications. Therefore, no change to the Radio Regulations or regulatory action is required.

*Issue Coordinator:* Sergio MARQUEZ (MEX) [sergio.marquez@ift.org.mx](mailto:sergio.marquez@ift.org.mx)  
*Alt. Issue Coordinator:* Jayne STANCAVAGE – (USA) – [jayne.stancavage@intel.com](mailto:jayne.stancavage@intel.com)

<sup>52</sup>  
*Inter-American Telecommunication Commission (CITEL)*



Organization of  
American States

**Issue 9.1.8: *Narrowband and broadband machine-type communication infrastructures (2 of 2)***

**IAP**

**Brazil, Colombia, Dominican Republic, Mexico, United States, Guatemala, Panama, Uruguay**

**SUP** DIAP/9.1 Issue 9.1.8/2

ANNEX TO RESOLUTION 958 (WRC-15)

Urgent studies required in preparation for the 2019 World Radiocommunication Conference

3) Studies on the technical and operational aspects of radio networks and systems, as well as spectrum needed, including possible harmonized use of spectrum to support the implementation of narrowband and broadband machine-type communication infrastructures, in order to develop Recommendations, Reports and/or Handbooks, as appropriate, and to take appropriate actions within the ITU Radiocommunication Sector (ITU-R) scope of work.

**Reasons:** Analysis of the current and future spectrum use for narrowband and broadband machine type communications (MTC), also known as machine-to-machine (M2M) or Internet of Things (IoT), concluded that there is no need to identify specific spectrum for those applications. Therefore, no change to the Radio Regulations or regulatory action is required. No changes also apply to RR Volume 3, apart from the suppression proposed to parts of Resolution **958 (WRC-15)**.

<sup>53</sup>

*Inter-American Telecommunication Commission (CITEL)*



Organization of  
American States

**Next PCCII meeting**

**Barranquilla, Colombia**

**November 27- December 1, 2017**

*Inter-American Telecommunication Commission (CITEL)*



Organization of  
American States

## Additional PCCII Information at:

<https://www.citel.oas.org/en/Pages/Next-Meetings.aspx>

*Inter-American Telecommunication Commission (CITEL)*



Organization of  
American States

**Thank you very much for your attention**

PCC.II/CITEL Representative

<http://www.citel.oas.org>

citel@oas.org

*Inter-American Telecommunication Commission (CITEL)*

56