



**ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES**

**Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission**

**31 MEETING OF PERMANENT
CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS
July 16 to 20, 2018
Guadalajara, Jalisco, Mexico**

**OEA/Ser.L/XVII.4.2.31
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FINAL REPORT

(Item on the Agenda: 7)

(Document submitted by the Drafting Group)

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FINAL REPORT

31 MEETING OF PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS (PCC.II)

The 31 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II) was held in Guadalajara, Jalisco, Mexico, from July 16 to 20, 2018.

I. MEETING OFFICERS

Chair of PCC.II	Mr. Mario Germán Fromow Rangel
Alternate Chair of PCC.II:	Mr. José Arias (Mexico)
Vice Chair of PCC.II:	Mr. Héctor Budé (Uruguay)
Vice Chair of PCC.II:	Mr. Agostinho Linhares de Souza (Brazil)
Vice Chair of PCC. II:	Mr. José León (El Salvador)
CITEL Executive Secretary:	Mr. Oscar León

Drafting Group:

Chairperson:	Mr. David Tejeda (México)
Members:	Ms. Sandra Wright (USA)
	Mr. Marc Girouard (Canada)
	Mr. Ricardo Martínez (Colombia)
	Ms. Estephania Flores (México)
	Ms. María Guadalupe Perez Lopez (México)

II. REPORT OF THE PCC.II CHAIR

During the 31st meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II), the Chair and Alternate Chair conducted deliberations based on the Agenda items listed in document PCC.II-RADIO/doc. 4503/18. Furthermore, the PCC.II working groups met according to the schedule issued as document PCC.II-RADIO/doc. 4504/18 revisions 1 through 5. The results of the activities held at the meeting can be summarized as follows:

1. Working Group on Preparation for Regional and World Radiocommunication Conferences

During the 31st meeting of PCC-II, the Working Group met twice and the Sub Working Groups of WRC-WG -19 met a total of 3 times each with the exception of SGT-4 which met only once. During those meetings, 97 documents were considered. Among the issues discussed were: modification and recognition of agenda item rapporteurs identified in the WRC structure, procedure for the Inter-American Contributions, CITEL's documents in preparation for WRC-19, and the Mentoring Program.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc. 4665/18.

2. Working Group on Terrestrial Fixed and Mobile Radiocommunication Services

This group met 2 times and considered 20 contributions. Among the issues discussed were: those of the Sub-Group on Spectrum Management, Digital Transition, Public Protection and Disaster Relief (PPDR), the future of IMT, critical infrastructure used by utilities.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc. 4666/18.

3. Working Group on Satellite Systems

The Working Group on Satellite Systems met 3 times and considered 16 documents; 14 were informative documents, 2 related to Decisions approved and also a presentation by the ITU Office of Space Services was added. Additionally, a seminar on “Satellite Communications: Bringing 5G and Advanced Technologies to Everyone, wherever They are located” was held within the framework of the Meeting, in the afternoon of July 18.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc. 4667/18.

4. Working Group on Broadcasting

The Working Group on Broadcasting met once and considered 4 documents. Among the issues discussed were: Digital Television, Digital Sound Broadcasting, Spectrum usage and new technologies for broadcasting, Rio 81 Agreement.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc. 4655/18

5. Ad hoc Group to Coordinate Projects Associated with Strategic Initiatives of the OAS Related to Radiocommunications

This *Ad hoc* Group met three times, received 3 input documents and issued three outcome documents and two draft decisions. Among the issues discussed were: Invitation to the Member States to sign, ratify and access the Amendment of the Convention (IARP), Participation in the ongoing projects of the Group, Alternative telecommunication emergency networks, Connecting the disconnected, Attention to natural disasters, Interconnectivity in the Caribbean and video bank.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc. 4668/18r1.

6. Issues to be highlighted

Note the following commitments towards the 32th meeting of the PCC.II to be held from December 3 to 7, 2018, in Brasilia, Brazil:

1. The next (32) Meeting of the PCC.II will be held from December 3 to 7, 2018, in Brasilia, Brazil, thanks to the generous invitation of that Government.
2. Output documents of the 31st Meeting of the PCC.II in preparation for the WRC-19 will be available at <https://www.citel.oas.org/en/Pages/PCCII/WRC.aspx> and have been issued as:
 - a. **Preliminary Views:** document **PCC.II-RADIO-31/doc. 4356/18**
 - b. **Preliminary Proposals:** document **PCC.II-RADIO-31/doc. 4357/18**

- c. **Draft Inter-American Proposals (DIAPs):** document **PCC.II-RADIO-31/doc. 4358/18**
 - d. **Inter-American Proposals (IAPs):** document **PCC.II-RADIO-31/doc. 4359/18**
3. A new *Ad Hoc* Group on PCC.II Resolutions, Decisions and Recommendations was established.
 4. It was agreed to extend the deadline to continue receiving responses to the Questionnaire sent by the Electronic Correspondence Group on Satellite Broadband Systems in the Americas, through CITEL/22 Circular of May 3, 2018: decision PCC.II/DEC.198 (XXX-17)
 5. The 30th meeting of PCC.II approved the holding of a seminar on terrestrial IMT-2020 within the framework of the 32nd meeting of PCC.II in 2018, which requires a close working relationship between the Coordination, the Chair of the Working Group on Terrestrial Fixed and Mobile Radiocommunication Services, the Associate Members of PCC.II and the CITEL Secretariat for its success.

III. AGENDA¹

1. Approval of the agenda and schedule.
2. Appointment of the Drafting Group for the Final Report.
3. Meeting of the Working Groups on:
 - 3.1 Working Group on Preparation for Regional and World Radiocommunication Conferences.
 - 3.1.1 *Ad-Hoc* Group for the Updating of the Procedure of Inter-American Proposals (IAP) and Creation of Procedure for Inter-American Contributions (IAC)
 - 3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.
 - 3.2.1. Sub-working group on Spectrum Management
 - 3.3 Working Group on Satellite Systems.
 - 3.4 Working Group on Broadcasting.
 - 3.5 *Ad Hoc* Group to Coordinate Projects Associated with Strategic Initiatives of the OAS related to Radiocommunications
4. PCC.II Strategic Plan.
5. Agenda, Venue and Date of the next Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the Meeting.

¹ PCC.II-2017-31-4503_i

DRAFT AGENDAS OF THE WORKING GROUPS

3.1 Working Group on the preparation of CITELE for Regional and World Radiocommunication Conferences

1. Presentation and approval of the agenda.
2. Working methods.
3. Preparation for the Radiocommunications Assembly (RA-19) and the World Radiocommunication Conference (WRC-19).
 - 3.1 Update of WRC-19 preparations.
4. Report of chapter chairpersons and CITELE representatives.
5. Consideration of issues resulting documents submitted through the collaborative space.
6. *Ad-Hoc* Group for the Updating of the Procedure of Inter-American Proposals (IAP) and Creation of Procedure for Inter-American Contributions (IAC)
7. Work Plan.
8. Other matters.

3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services

1. Approval of the agenda.
2. Report on ITU-R activities.
3. IMT implementation
4. Compatibility studies
5. Sub-Working Group of Spectrum management.
6. Work Plan.
7. Other business.

3.3 Working Group on Satellite Systems

1. Approval of the agenda.
2. Implementation of regulations that facilitate deployment of satellite services.
3. Harmful interference from unauthorized transmissions in satellite networks.
4. C and Ku band use, operation and applications.
5. Existing databases on satellite systems.
6. Operation of satellite services with no authorization.
7. Work Plan.
8. Other business. (if possible, it would be a plus trying to explore how to address any of the following topics):
 - 8.1 Use and operation of satellite bands in addition to C and Ku bands;
 - 8.2 Regulations and operation of small satellites (picosatellites, nanosatellites, cubesats);
 - 8.3 Use of new technologies;
 - 8.4 Compatibility between satellite services (fixed and mobile) and terrestrial fixed and mobile services;
 - 8.5 Use of bands authorized for amateur service by amateurs via satellite.

3.4 Working Group on Broadcasting

1. Opening remarks.
2. Approval of the agenda.
3. Consideration of the inputs documents on:
 - 3.1 Digital Television.

- 3.2 Digital Sound Broadcasting.
- 3.3 Spectrum Usage and New Technologies for Broadcasting.
- 3.4 Rio Janeiro 1981 Agreement.
- 4. Work Plan.
- 5. Other business.

3.5 *Ad Hoc* Group to Coordinate Projects Associated with Strategic Initiatives of the OAS related to Radiocommunications

IV. RESOLUTIONS

PCC.II/RES. 124 (XXXI-18)²

AGENDA, VENUE AND DATE FOR THE 32 MEETING OF PCC.II

The 31st. Meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II),

RESOLVES:

1. To hold the 32nd. Meeting of PCC.II from December 3 to 7, 2018 in Brasilia, Brazil.
2. To approve the draft agenda for the 32nd. Meeting of PCC.II that is attached as an Annex.

ANNEX TO RESOLUTION PCC.II/RES. 124 (XXXI-18)

1. Approval of the agenda and schedule.
2. Appointment of the Drafting Group for the Final Report.
3. Meeting of the Working Groups on:
 - 3.1 3.1 Working Group on Preparation for Regional and World Radiocommunication Conferences.
 - 3.1.1 *Ad-Hoc* Group for the Updating of the Procedure of Inter-American Proposals (IAP) and Creation of Procedure for Inter-American Contributions (IAC)
 - 3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.
 - 3.2.1. Sub-working group on Spectrum Management
 - 3.3 Working Group on Satellite Systems.
 - 3.4 Working Group on Broadcasting.
 - 3.5 *Ad Hoc* Group to Coordinate Projects Associated with Strategic Initiatives of the OAS related to Radiocommunications
 - 3.6 *Ad Hoc* Group on “PCC.II Resolutions, Decisions and Recommendations”
4. PCC.II Strategic Plan.
5. Agenda, Venue and Date of the next Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the Meeting.

² PCC.II-2018-31-4664r1_i

DRAFT AGENDAS OF THE WORKING GROUPS

3.1 Working Group on the preparation of CITELE for Regional and World Radiocommunication Conferences

1. Presentation and approval of the agenda.
2. Working methods.
3. Preparation for the Radiocommunications Assembly (RA-19) and the World Radiocommunication Conference (WRC-19).
 - 3.1 Update of WRC-19 preparations.
4. Report of chapter chairpersons and CITELE representatives.
5. Consideration of issues resulting documents submitted through the collaborative space.
6. *Ad-Hoc* Group for the Updating of the Procedure of Inter-American Proposals (IAP) and Creation of Procedure for Inter-American Contributions (IAC)
7. Work Plan.
8. Other matters.

3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services

1. Approval of the agenda.
2. Report on ITU-R activities.
3. IMT implementation
4. Compatibility studies
5. Sub-Working Group of Spectrum management.
6. Work Plan.
7. Other business.

3.3 Working Group on Satellite Systems

1. Approval of the agenda.
2. Implementation of regulations that facilitate deployment of satellite services.
3. Harmful interference from unauthorized transmissions in satellite networks.
4. C and Ku band use, operation and applications.
5. Existing databases on satellite systems.
6. Operation of satellite services with no authorization.
7. Work Plan.
8. Other business. (if possible, it would be a plus trying to explore how to address any of the following topics):
 - 8.1 Use and operation of satellite bands in addition to C and Ku bands;
 - 8.2 Regulations and operation of small satellites (picosatellites, nanosatellites, cubesats);
 - 8.3 Use of new technologies;
 - 8.4 Compatibility between satellite services (fixed and mobile) and terrestrial fixed and mobile services;
 - 8.5 Use of bands authorized for amateur service by amateurs via satellite.

3.4 Working Group on Broadcasting

1. Opening remarks.
2. Approval of the agenda.
3. Consideration of the inputs documents on:

- 3.1 Digital Television.
- 3.2 Digital Sound Broadcasting.
- 3.3 Spectrum Usage and New Technologies for Broadcasting.
- 3.4 Rio Janeiro 1981 Agreement.
4. Work Plan.
5. Other business.

3.5 *Ad Hoc* Group to Coordinate Projects Associated with Strategic Initiatives of the OAS related to Radiocommunications

1. Approval of the agenda.
2. Work Plan.
3. /
4. Other business.

3.6 *Ad Hoc* Group on “PCC.II Resolutions, Decisions and Recommendations”

1. Approval of the agenda.
2. Work Plan.
3. /
4. Other business.

PCC.II/RES. 125 (XXXI-18)³

**SELECTION OF CITEL SPOKESPERSONS, AND THEIR ROLES AND RESPONSIBILITIES
DURING WORLD RADIOCOMMUNICATION CONFERENCES**

The 31st Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) That the situations regarding Inter-American Proposals arising during a World Radiocommunication Conference (WRC) are dynamic and oftentimes unpredictable;
- b) That, on the basis of the experience gained at previous WRC, the use of spokespersons has been crucial when submitting Inter-American Proposals of CITEL;
- c) That it is necessary to draw up and provide procedures for selecting CITEL spokespersons prior to the start of a WRC;
- d) That, once CITEL spokespersons are selected, it is indispensable to identify their roles and responsibilities during a WRC;
- e) That by Resolution PCC.II/RES. 121 (XXX-17) procedures were adopted for preparing and adopting Inter-American Proposals for World Radiocommunication Conferences,

RESOLVES:

- 1. To adopt and implement the guidelines described in the Annex to this Resolution for the purpose of selecting the spokespersons who shall act on behalf of CITEL during the World Radiocommunication Conferences.
- 2. That the selected spokespersons and alternate spokespersons shall observe the guidelines included in the Annex to the present Resolution for the purpose of optimizing their work.
- 3. To derogate Resolution PCC.II/RES. 106 (XXVI-15).

³ PCC.II-2018-31-4508r2_i

ANNEX TO RESOLUTION PCC.II/RES. 125 (XXXI-18)

SELECTION OF CITEL SPOKESPERSONS, AND THEIR ROLES AND RESPONSIBILITIES DURING WORLD RADIOCOMMUNICATION CONFERENCES

1. OBJECTIVES

- a. To establish a procedure to select spokespersons.
- b. To establish role and responsibility guidelines for CITEL spokespersons.
- c. To ensure effective presentation of inter-American proposals and representation of common positions at WRC meetings.

2. DEFINITIONS

The terms used in this Resolution are defined in Resolution PCC.II/RES. 105 (XXVI-15).

3. SELECTION OF CITEL SPOKESPERSONS BEFORE THE START OF A WRC

3.1 SELECTION CRITERIA

CITEL Spokespersons shall be selected only for WRC agenda items where CITEL has an IAP, IAP-MOD, IAP-WRC or position. If this is not the case, then there is no need to select a CITEL Spokesperson.

It should be kept in mind that, because of the work done at the regular meetings of the WG-WRC of PCC.II, the Rapporteurs and Co-Rapporteurs for each agenda item are generally those most familiar with CITEL's views, as well as the history of how each IAP was developed.

Whenever possible, the Rapporteurs, Co-Rapporteurs or Working Sub-Group Coordinator of WG-WRC should be considered as the first option for selection as CITEL spokespersons for the agenda item they were responsible for during the process of preparing the IAPs in the framework of the PCC.II.

Priority for selection must be given to those Rapporteurs, Co-Rapporteurs or Working Sub-Group Coordinator of the WG-WRC, who are expected to have the intention of attending the WRC and staying throughout the duration of the Conference.

Recognizing that personal circumstances or the views of their administrations may set other priorities, if neither the Rapporteur nor Co-Rapporteur can be candidates as lead or alternate spokespersons, they must notify the Chair of CITEL's WG-WRC of PCC.II as early as possible so that necessary measures can be taken to ensure that the agenda item is not left without a Spokesperson.

The CITEL administrations may propose spokespersons other than the respective agenda item Rapporteurs, Co-Rapporteurs or Working Sub-Group Coordinator of the WG-WRC. In this case, if there are various candidates for the position of Spokesperson (lead or alternate), the affected administrations are urged to hold informal conversations for the purpose of agreeing on a single candidate to be put forward for selection.

3.2 REQUISITES FOR BEING A SPOKESPERSON

Requisites for being identified as a candidate CITEL spokesperson or alternate spokesperson at a WRC are as follows:

- Clear intention to attend the WRC for the entire Conference.
- The candidate's administration must not oppose the IAP, IAP-MOD, or IAP-WRC on the WRC agenda item for which he/she shall be a spokesperson, in keeping with Resolution PCC.II/RES. 121 (XXX-17)
- Learning about the WRC agenda item that the candidate shall be representing, its general aspects, the background to the IAP or IAPs, and related strategies.
- Inclusion on the list of candidates for spokesperson at the final preparatory meeting of PCC.II or at the first meeting of the WG-WRC.

3.3 CONFIRMATION OF SPOKESPERSONS

The Chair of the WG-WRC shall be responsible for completing the names of the spokespersons or alternate spokespersons for each one of the WRC agenda items where CITEL has proposals and common positions.

During the FINAL MEETING of PCC.II or at the first meeting held by CITEL during the WRC, the Chair of WG-WRC must inform the attending administrations about the establishment of the roster of spokespersons or alternate spokespersons for each one of the conference agenda items where CITEL has proposals and common positions.

There is no constraint with respect to having the same spokesperson or alternate spokesperson being able to represent and confirming responsibility for representing various WRC agenda items.

After confirmation, if either the spokesperson or the alternate spokesperson is unable to perform their duties because of personal circumstances or any change of guidelines by their administration regarding support of the applicable IAP, IAP-MOD, IAP-WRC or position, then the spokesperson or his/her administration must immediately notify the Chair of the WG-WRC of PCC.II.

3.4 ROLES AND RESPONSIBILITIES OF SPOKESPERSONS

CITEL spokespersons are responsible for:

- Introducing their respective IAPs when called upon to do so at the WRC.

Monitoring the development of the issue throughout the conference, participating in all those meetings where it is dealt with. It is expected that the lead spokesperson will attend most of the relevant meetings. However, recognizing that the lead spokesperson may not be able to fully meet this obligation, the lead spokesperson will coordinate with the alternate spokesperson to make sure that at least one of them shall attend all the WRC meetings relevant to their assigned agenda item so it shall benefit from CITEL representation.

- Reporting to the CITELE Member States attending the WRC and the meetings convened by CITELE on the progress of the discussions with respect to their assigned agenda item. Updates will be provided via the CITELE Virtual Community in between meetings convened by CITELE.
- Whenever necessary, representing CITELE's Position with respect to the agenda item referred to at WRC meetings.
- In cases when either the spokesperson or alternate spokesperson are unable to attend a meeting regarding an agenda item for which they are responsible, they must notify the Chair of the WG-WRC of PCC.II.

3.5 LIMITS OF AUTHORITY

Spokespersons do not have the authority to make agreements that are contrary to the applicable IAP, IAP-MOD, IAP-WRC or position unless consensus is reached giving them such authority, in accordance with Resolution PCC.II/121 (XXX-17).

3.6 CITELE SPOKESPERSON REPRESENTATION OF A POSITION ADDRESSING ISSUES THAT ARISE DURING A WRC

Since the WRC is a dynamic process, issues requiring a regional position which could not be anticipated prior to the WRC may arise. CITELE will be called upon to provide its views as a Region in these cases.

When this situation arises, the spokesperson or alternate spokesperson of CITELE shall represent CITELE's position at the meetings of the WRC as required. Only applicable IAPs, IAP-MODs, IAP-WRCs or positions that have been adopted in accordance with the procedures set forth in Resolution PCC.II/RES. 121 (XXX-17) may be represented as such by the spokespersons.

Discussions with non-CITELE administrations involving a possible alteration of the CITELE position, whether or not they take place during WRC meetings, must benefit from the direct participation of the lead spokesperson. However, discussions between Heads of Delegation or Regional Group meetings with limited attendance are exceptions.

4. SELECTION OF CITELE SPOKESPERSONS DURING A WRC

If for force majeure reasons the spokesperson and/or alternate spokesperson selected for a given WRC must terminate their duties during the WRC, this shall be reported immediately to the Chair of WG-WRC, who after informing the CITELE administrations attending the WRC shall request them to provide candidates to replace them.

Once the names of the candidates have been obtained, the same selection criteria used prior to the WRC to define the substitute spokespersons and/or alternate spokespersons shall be applied, as appropriate.

The new selected spokespersons shall have the same duties, responsibilities and constraints as those set forth in sections 3.5 and 3.6 described in this procedure.

5. APPLICATION OF THIS PROCEDURE

The provisions of this procedure must be applied and interpreted in accordance with Resolution COM/CITELE RES. 226 (XXI-09).

V. RECOMMENDATIONS

PCC.II/REC. 60 (XXXI-18) ⁴

DIGITALIZATION OF NARROWBAND SYSTEMS OF LAND MOBILE SERVICE IN THE FREQUENCY BANDS 136-174 MHZ AND 410-470 MHZ

The 31 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) that the number of radiocommunication stations in the land mobile service increases rapidly;
- b) that in several geographical areas the increasing demand for radio channels from the land mobile service has caused serious congestion in the frequency bands allocated to this service;
- c) that in order to alleviate the high degree of saturation of these bands, as well as that foreseen in the future, it is advisable that in the operation of the land mobile service techniques be used that make the use of the spectrum more efficient;
- d) that the digital technology applied in these systems will result in a lower channel bandwidth than that commonly used in terrestrial mobile services;
- e) that there are digital technologies available under various standards, so an agnostic approach is appropriate;
- f) that it is possible to achieve a spectrum efficiency of one voice channel in a digital system that requires a channel bandwidth of 6.25 kHz and two simultaneous voice channels in a digital system that requires a channel bandwidth of 12.5 KHz;
- g) that the frequency ranges 136-174 MHz and 430-470 MHz are allocated to several radiocommunications services which are outside the scope of this recommendation, including those referenced in Recommendation PCC.II/REC.31 (XVIII-11);

RECOGNIZING

- a) that some administrations use frequency ranges for narrowband systems, among them, 403-406 MHz, 406.1-410 MHz and 470-512 MHz.

TAKING INTO ACCOUNT:

That the Preamble of the ITU Radio Regulations stipulates that its Members endeavor to apply, as soon as possible, the latest advances in technology.

⁴ PCC.II-2018-31-4673_i

RECOMMENDS:

1. That CITELE administrations that use the frequency ranges of 136-174 MHz, 410-450 MHz and 450-470 MHz, or parts of them for narrowband applications in the mobile service, consider the transition from analogue technologies to digital technologies.
2. That CITELE administrations within the framework of their own regulations and particular situations, consider the reduction of the channel bandwidth of existing and future frequency assignments of 25 kHz towards 12.5 kHz and/or 6.25 kHz, bearing in mind the same channel center.

VI. DESICIONS

PCC.II/DEC. 200 (XXXI-18) ⁵

INVITING CITEL MEMBER STATES TO THE SIGNING, RATIFICATION AND ACCESSION TO THE AMMENDMENT OF THE INTER-AMERICAN CONVENTION ON AN INTERNATIONAL AMATEUR RADIO PERMIT (IARP)

The 31 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- 1) That one of the Strategic initiatives of OAS is emergency telecommunication and the importance that amateur radio systems for this kind of communications.
- 2) That on Tuesday, August 21, in the framework of the 33 Meeting of the Permanent Consultative Committee I: Telecommunications (PCC.I), a signing ceremony of the Amendment of the Inter-American Convention on an International Amateur Radio Permit (IARP) will be held.
- 3) That States have the power to enter into international conventions at any time such agreements suit their respective interests.

DECIDES:

- 1) To kindly invite CITEL Member States to consider becoming party, by signing, ratifying and accessing the Amendment of the Inter-American Convention on an International Amateur Radio Permit (IARP), pursuant to international treaty law procedures established at the OAS.
- 2) Request the CITEL Secretariat to distribute this decision among CITEL Member States.

⁵ PCC.II-2018-31-4669r1_i

PCC.II/DEC. 201 (XXXI-18)⁶

**PARTICIPATION IN THE ONGOING ACTIVITIES OF THE AD HOC GROUP TO
COORDINATE STRATEGIC INITIATIVES OF THE OAS**

The 31 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

1) The continuation of the efforts to develop the Projects “Connect the unconnected” that support the Interconnectivity in the Caribbean initiatives and the Project “Alternative emergency telecommunications networks” that supports the natural disaster response initiative were approved during the 31 Meeting of Permanent Consultative Committee II held in Guadalajara, Mexico. Likewise, furthering the creation of the "Technical Solutions Guide to respond to the strategic initiatives of the OAS" was also approved. The prior documents were included as annexes to the Chairman’s report to the Ad hoc Group to Coordinate Strategic Initiatives.

2) The importance of sharing experiences in the region regarding the strategic initiatives.

DECIDES:

1) To invite the Member States and Associate Members of CITELE to send their contributions related to the projects and the solutions guide that were approved during the 31 Meeting of Permanent Consultative Committee II.

2) To invite the Member States and Associate Members of CITELE to participate in the virtual meetings that will take place prior to the 32 Meeting of Permanent Consultative Committee II.

3) To request the CITELE Secretariat to facilitate the electronic tools needed to conduct the virtual meetings necessary to further the work.

4) To invite the Member States and Associate Members of CITELE to contribute with videos related to the strategic initiatives, with full distribution and editing rights granted to CITELE-OAS, in order to facilitate the communication of CITELE activities to the following email addresses martha.suarez@ane.gov.co and citel@oas.org prior to the 32 Meeting of Permanent Consultative Committee II PCC.II.

5) Request that the CITELE Secretariat enable a space within the CITELE website, accessible to all interested parties and organizations, to share the videos related to the strategic activities of the OAS.

⁶ PCC.II-2018-31-4670r1_i

**UPDATED INFORMATION ON RESOLUCIONS, DECISIONS, AND RECOMMENDATIONS
APPROVED BY CITEL**

The 31 Meeting of Permanent Consultative Committee II: Radiocommunication (PCC.II),

DECIDES:

1. To establish an *Ad Hoc* Group on "PCC.II Resolutions, Decisions and Recommendations" with the following mandate:
 - a) To draw up a list of all the Resolutions, Decisions and Recommendations of PCC.II, including all information on the:
 - Committee, (i.e., Assembly, COM / CITEL, PCC.I, PCC.II);
 - Approval date,
 - Document type (RES / DEC / REC);
 - Title;
 - Status (in effect/eliminated)
 - Instrument that eliminated the RES./REC./DEC. in question
 - b) To report to the 32 meeting of PCC.II on completion of work in Resolves 1 a);
 - c) To analyze other PCC.II and PCC.III documents such as manuals, guidelines; specifically reports and questionnaires to evaluate their relevance in making them available on the CITEL web page;
 - d) To report to the 33 meeting of PCC.II on the results for Resolves 1 c).
2. To appoint Mr. Tarcisio Bakaus from Brazil (bakaust@anatel.gov.br) to Chair this *Ad Hoc* Group and Ms. Diana Gómez from Mexico (diana.gomez@ift.org.mx) as the Alternate Chair.

⁷ PCC.II-2018-31-4671r1_i

PCC.II/DEC. 203 (XXXI-18)⁸

**DRAFT STRUCTURE OF PERMANENT CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS (PCC.II)**

The 31st Meeting of Permanent Consultative Committee II: Radiocommunication (PCC.II),

DECIDES:

1. To continue working on the Draft Structure found in Annex I hereof;
2. To appoint Mr. Victor Martinez (victor.martinezv@ift.org.mx) to continue coordinating with the Chairs and Vice-Chairs of the Working Groups and Ad Hoc Groups on drafting the proposed terms of reference and related mandates through virtual meetings, to be made available at the next meeting of the PCC.II.
3. To invite the Chairs and Vice-Chairs of the Working Groups and Ad Hoc Groups to engage those interested in such groups in drafting the related terms of reference.

ANNEX TO DECISION PCC.II/DEC. 203 (XXXI-18)

DRAFT STRUCTURE OF PERMANENT CONSULTATIVE COMMITTEE II

The Permanent Consultative Committee II: Radiocommunications (CCP.II) defines the following structure to implement its activities and meet its goals:

1. Working Group Relative to CITEL's Preparation for Regional and World Radiocommunication Conferences

Mandate:

To keep the background and proposals of each item on the agenda updated, and to agree on Inter-American Proposals (IAPs) to be presented at the Regional and World Radiocommunication Conferences.

Officers:

Chair: Carmelo Rivera – United States of America

Vice-Chairs: Martha Suarez – Colombia and Victor Martinez – Mexico

Terms of Reference:

To be reviewed at the 32 Meeting of PCC.II.

1.1. Ad Hoc Group for the Creation of a Procedure for Inter-American Contributions (IACs)

⁸ PCC.II-2018-31-4676r1_i

Mandate:

To create the procedure for Inter-American Contributions (IACs)

Officers:

Chair: Jose Arias – Mexico

2. [Working Group on Terrestrial Services]**Mandate:****Officers:**

Chair: Tarcisio Bakaus – Brazil

Vice-Chairs: Sandra Wright – United States of America, Marco Antonio Escalante – Guatemala, and Rafael Sanchez – Dominican Republic.

3. [Ad Hoc/Working Group on Spectrum Management]**Mandates:**

To foster the adoption of and compliance with the upper exposure limit of human beings to electromagnetic radiation of non-ionizing radiofrequencies in the region, based on international recommendations, and to promote the adoption of technical specifications for electromagnetic compatibility to protect telecommunication/ICT services.

To promote efficient, equitable use of orbit/spectrum resources in the region on the basis of studies and technological advances depending on the priorities and requirements of the Member States.

To promote discussions and exchanges of best practices on identifying and optimizing the use of telecommunication/ICT resources.

To promote the drafting of recommendations and discussions for the coordination of cross-border frequencies.

Officers:

Chair: Martha Suarez – Colombia

Vice-Chairs: Jose Joaquin Leon – El Salvador and Carolina Beatriz Jacquet Arguello – Paraguay

Terms of Reference:

To be reviewed at the 32 Meeting of PCC.II.

4. [Working Group on Satellite Systems and Scientific Services]:**Mandate:**

To maintain, expand and strengthen cooperation and participation with the Member States of CITEL and the members associated with Permanent Consultative Committee II, with a view to achieving the harmonious development and efficient use of spectrum related to satellite telecommunications and scientific applications in the region.

Officers:

Chair: Olmo Ramirez – Mexico

Vice-Chairs: Brazil and United States of America

5. Working Group on Radio Broadcasting

Mandate:

Officers:

Chair: Larry Olson – United States

Vice-Chairs: Brazil

6. Ad Hoc [Working] Group to Coordinate Strategic Initiatives of the OAS related to Radiocommunications

Mandate:

Officers:

Chair: Martha Suarez – Colombia

Vice-Chairs: Miguel Muñoz – Mexico

7. Ad Hoc Group on “Resolutions, Decisions and Recommendations of PCC.II”

Mandate: To periodically update information on Resolutions, Decisions and Recommendations that have been tacitly or implicitly repealed, particularly on the CITEL website.

Officers:

Chair: Tarcisio Bakaus – Brazil

Vice-Chairs: Diana Gomez – Mexico

Terms of Reference:

a) To prepare a list of all Resolutions, Decisions and Recommendations of PCC.II, including all information on:

- Committee (i.e., Assembly, COM/CITEL, PCC.I, PCC.II)
- Approval date
- Type of document (RES / DEC / REC)
- Title
- Status (in force / eliminated)

- Instrument that eliminated said RES./REC./DEC.
- b) To inform the 32 Meeting of PCC.II of the conclusion of work on Decides 1 a);
 - c) To review other documents of PCC.II and PCC.III, such as manuals, guidelines, and specifically reports and questionnaires, seeking to assess their significance to make them available on the CITES website;
 - d) To inform the 33 Meeting of PCC.II of its outcomes on Decides 1 c).

DECISION ON ITU BECOMING SUPERVISORY AUTHORITY OF THE INTERNATIONAL REGISTRATION SYSTEM FOR SPACE ASSETS UNDER THE SPACE PROTOCOL

WHEREAS:

a. At the 2014 Plenipotentiary Conference, the Secretary-General provided a report ([PP-14 INF/1](#)) as a follow-up to the questions and comments raised by various Administrations during Council 2012, Council 2013, and Council 2014 relating to the possible role of the International Telecommunication Union (ITU) as Supervisory Authority of the International Registration System for Space Assets identified in the UNIDROIT Space Protocol.

b. The subject was discussed further in Council 2015 and Council 2016, noting that the final decision of whether the ITU could/should become the Supervisory Authority should be taken at the next Plenipotentiary Conference in 2018.

c. UNIDROIT is the International Institute for Unification of Private Law, which has developed the 3rd Space Protocol (previously Protocols were adopted for the aircraft and railway industries), and it is intended to help new entrants access satellite financing by giving creditors (lenders) rights over assets in space to be registered in an International Registry that requires a Supervisory Authority to manage it.

d. The Space Protocol was adopted by a Diplomatic Conference in 2014 and has been signed by only four countries since then. None of these four countries has deposited their instrument of ratification, acceptance, approval or accession and as a result, the Protocol is not legally in force.

e. The global satellite industry has voiced its opposition to the UNIDROIT Space Assets Protocol since 2009.

f. The concerns expressed during the Council 2014 session on the financial, juridical as well as the technical implications on ITU assuming the role of Supervisory Authority such as the lack of correlation between the functions of the Supervisory Authority and ITU's mandate, the immunity of the ITU, the role of the ITU towards the Register, the participation of the ITU as observer in the work of the Preparatory Committee tasked to implement the Space Protocol, the evaluation of the impact that the acceptance or the refusal of ITU to play the role of Supervisory Authority could cause.

g. The global satellite sector is booming in developed nations, as well as across emerging economies on all world continents.

h. PCC.II is the forum of experts in the Americas where the satellite industry can share their concerns with CITELE Member States.

i. Documents 4527 and 4662 were discussed during the 31 PCC.II meeting and reflect views expressed on this matter.

⁹ PCC.II-2018-31-4677r1_i

DECIDES:

1) To instruct the CITEL Secretariat to bring this issue to the attention of the CITEL Executive Committee's Working Group on Preparations for Conferences (GTPC) for PP-18 for consideration.

2) To invite CITEL administrations to consider submitting contributions with the aim of addressing this issue at the upcoming GTPC in August 2018.

CONTINUATION OF THE WORK TO DEFINE THE STRATEGIC PLAN FOR PCC.II

The 31st Meeting of Permanent Consultative Committee II: Radiocommunication (PCC.II),

DECIDES:

1. To continue the discussion and analysis of the Draft Strategic Plan for PCC.II, contained in document PCC.II-RADIO/doc. 4674/18, through virtual meetings, for approval at the 32 Meeting of PCC.II.
2. To appoint Diana Gómez (diana.gomez@ift.org.mx) of the Mexican Administration to coordinate the discussions and virtual meetings.
3. To invite Administrations and Associate Members to participate in the work related to the Draft Strategic Plan for PCC.II.

¹⁰ PCC.II-2018-31-4678r1_i

VII. LIST OF BASIC DOCUMENTS

1. Summary Minutes of the Inaugural Session and First Plenary Session	PCC.II-RADIO/doc. 4660/18
2. Summary Minutes of the Second Plenary	PCC.II-RADIO/doc. 4672/18
3. Summary Minutes of the Third Plenary Session and Closing Session	PCC.II-RADIO/doc. 4679/18
4. Report of Working Group on Preparation for Regional and World Radiocommunication Conferences	PCC.II-RADIO/doc. 4665/18
5. Report of Working Group on Terrestrial Fixed and Mobile Radiocommunication Services	PCC.II-RADIO/doc. 4666/18
6. Report of Working Group on Satellite Systems	PCC.II-RADIO/doc. 4667/18
7. Report of Working Group on Broadcasting	PCC.II-RADIO/doc. 4655/18
8. Report of <i>Ad Hoc</i> Group to Coordinate Projects Associated with Strategic Initiatives of the OAS related to Radiocommunications	PCC.II-RADIO/doc. 4668/18 rev.1
9. Report of the Seminar on Satellite Communications: Bringing 5G and advanced technologies to everyone, wherever they are located	PCC.II-RADIO/doc. 4506/18 rev.2 add.4
10. List of Documents	PCC.II-RADIO/doc. 4501/18 rev.3
11. List of Participants	PCC.II-RADIO/doc. 4502/18 rev.2
12. Final Report for the Meeting	PCC.II-RADIO/doc. 4680 rev.1