



ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission

**XXI MEETING OF PERMANENT
CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS
INCLUDING BROADCASTING
April 8 to 12, 2013
Cali, Colombia**

**OEA/Ser.L/XVII.4.2
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FINAL REPORT

(Item on the Agenda: 7)

(Document submitted by the Drafting Group)

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FINAL REPORT

XXI MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS INCLUDING BROADCASTING (PCC.II)

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting was held in Cali, Colombia, April 8 to 12, 2013.

I. AGENDA¹

1. Approval of the agenda and calendar.
2. Appointment of the Drafting Group for the Final Report.
3. Meeting of the Chairs of the Working Groups on:
 - 3.1 Working Group on Preparation for Regional and World Radiocommunication Conferences.
 - 3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.
 - 3.3 Working Group on Satellite Systems to Provide Fixed and Mobile Services.
 - 3.4 Working Group on Broadcasting.
 - 3.5 Rapporteur Group on the Technical and Regulatory Aspects Related to the Effects of Electromagnetic Non-ionizing Emissions.
 - 3.6 Ad Hoc Group on Allocation of the Digital Dividend Spectrum Resulting from the Transition to Digital Television and Opportunities for Convergent Applications.
4. Strategic Plan of PCC.II.
5. Agenda, Venue and Date of the XXII Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the XXI Meeting.

¹ CCP.II-RADIO/doc. 3163/13

II. AUTHORITIES OF THE MEETING

Alternate Chair of PCC.II: Mr. Franklin Merchán Calderon (Colombia)
Alternate Vice-Chair of PCC.II: Mr. Héctor Budé (Uruguay)
Executive Secretary of CITEL: Mr. Clovis Baptista (OAS)

Drafting Group:

Chair Ms. Gloria Patricia Perdomo (Colombia)
Members Mr. Rémi Melanson (Canada)
Mr. Rafael Sánchez (Dominican Republic)
Mr. Vladimir Vaca (Ecuador)

III. RESOLUTIONS

PCC.II/RES. 89 (XXI-13) ²

SUPPORT FOR BUDGET CONTINUITY OF OAS REGULAR FUND FOR CITEL ACTIVITIES

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

- a) That CITEL as a high-level specialized advisory body of the Organization of American States (OAS) and leader in the region regarding all aspects having to do with telecommunications, as well as information and communication technologies (ICTs), is representing the aspirations and cultural diversity of the various regional stakeholders in the world, in order to achieve the region's integral incorporation into the Information and Knowledge Society;
- b) That one of the strategic goals set in CITEL's Strategic Plan is to represent and defend CITEL's interests at regional and international forums, especially the interests of the Member States that are having trouble being represented worldwide, aimed at defining future consensus-based positions in said forums;
- c) That the United Nations Millennium Summit was held in 2000, at which time the member countries agreed to set eight goals to be achieved by the year 2015;
- a) That, for the promotion of training, technical cooperation and transfer of technology via the International Telecommunication Union (ITU) Centre of Excellence for the Americas Region, the CITEL Regional Training Centers, and the organizations with which CITEL has Cooperation Agreements, it is necessary to have an adequate budget;
- e) The 2012 CITEL Annual Report took into consideration the budgetary constraints of the OAS and submitted Resolution COM/CITEL RES. 249 (XXVI-12) on "Securing financial sustainability for CITEL during 2013 and beyond;"
- f) That, based on Resolution COM/CITEL RES. 249 (XXVI-12), the XXI Meeting of PCC.II held on April 8-12, 2013 in Cali, Colombia, an Ad hoc Group was established "to examine the CITEL's future direction from the perspective of PCC.II, together with possible alternatives for structural changes to CITEL and the corresponding modifications of its Statute, and to present a report with recommendations as to those possibilities and proposals to COM/CITEL so that they may be considered at the next CITEL Assembly;"
- g) That the 2012 CITEL Annual Report sets forth the main activities under way and future work to be done as a result of the Radiocommunication Assembly (RA) and the World Radiocommunication Conference (WRC) held in 2012 and toward preparing for the WRC-15, establishing the work structure on the basis of the 35 items on the agenda;

² CCP.II-RADIO/doc. 3281/13 rev.1

h) That Resolution COM/CITEL RES 247 (XXVI-12) adopted by COM/CITEL in December 2012, deals with “Preparations for the Sixth Regular Meeting of the CITEL Assembly” scheduled for February 2014 in the Dominican Republic,

TAKING INTO ACCOUNT:

a) That CITEL, as indicated in the final proceedings and reports of the various meetings of PCC.II, as a result of the WRC-12, has started activities of the various working groups where much time and resources have been invested to achieve the goals proposed for WRC-15;

b) That the CITEL Steering Committee held two meetings in 2012, the XVII meeting on February 15, 2012 and the XVIII meeting on September 6, 2012, which examined, as their main agenda items, the issue of the situation of the post of the CITEL Executive Secretary and the uncertainty weighing on the yearly budget allocations to CITEL from the OAS Regular Fund;

c) That at the Radiocommunication Assembly (AR) and the World Radiocommunication Conference (WRC) the development of the works involves the need to work at a regional representation level; therefore, the role of CITEL gains particular relevance;

d) That some Administrations have taken the initiative of communicating to their Ministries of Foreign Affairs the beginning of contacts with their Permanent Missions to the OAS to secure the financial support needed to continue CITEL activities and to hold the Sixth CITEL Assembly,

RESOLVES:

1. To encourage all Member Administrations to request their respective Permanent Missions to the OAS to propose that budget resources from the Regular Fund continue to be allocated to CITEL and to allocate the necessary fund for holding the Sixth Regular Meeting of the CITEL Assembly scheduled for 10th – 13th February, 2014 based on the spirit of Resolution AG/RES.1224 (XXIII-O/93), pursuant to Article 52 of the Organization’s Charter.

2. To request the Chair of PCC.II to channel the present Resolution through the corresponding channels so that the Administrations and the XXVII Meeting of the COM/CITEL can be apprised of it.

PCC.II/RES. 90 (XXI-13)³

**INTER-AMERICAN PROPOSALS FOR WORLD RADIOCOMMUNICATION
CONFERENCES**

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

- a) That evaluation of practical experiences gained in the years in which the current procedure for preparing joint proposals to the Radiocommunication Sector (ITU-R) has been in force shows that it can be improved;
- b) That it has been deemed advisable to change the current procedure for preparing and submitting joint documents to the ITU-R;
- c) That it is necessary to include procedures to be followed at a World Radiocommunication Conference (WRC) to modify an existing Inter-American Proposal (IAP);
- d) That it is necessary to include procedures to be followed at WRC to establish a new IAP regarding future agenda items;
- e) That it is necessary to include procedures to be followed when necessary at WRC to establish a CITEL position in response to WRC agenda item issues,

RESOLVES:

- 1. To adopt the procedure attached in the Annex for preparing and adopting Inter-American Proposals (IAP) to a World Radiocommunication Conference (WRC).
- 2. To revoke Resolution PCC.II/RES. 64 (XV -10).

ANNEX TO RESOLUTION PCC.II/RES. 90 (XXI-13)

**INTER-AMERICAN PROPOSALS FOR WORLD RADIOCOMMUNICATION
CONFERENCES**

1. OBJECTIVES

- a. To establish the procedure to be followed for any written proposal developed in the PCC.II to be submitted to a World Radiocommunication Conference (WRC) as an Inter-American Proposal (IAP).
- b. To establish the procedure to be followed to modify an IAP during a WRC.

³ CCP.II-RADIO/doc. 3213/13 rev.2

- c. To establish a procedure to develop a new IAP with respect to future agenda items with the OAS/CITEL Member States that are present at the WRC.
- d. To establish a procedure to be followed, when necessary at a WRC, for developing a CITEL position in response to WRC agenda item issues.
- e. To encourage OAS/CITEL Member States to participate in the LIMIT and FINAL MEETINGS given their importance in development of IAPs.

In using these procedures, every effort should be made to reach consensus among OAS/CITEL Member States.

2. DEFINITIONS

For the purposes of this procedure, the terms set forth are defined as follows:

- a. **WG-WRC:** PCC.II Working Group responsible for the preparation of CITEL's documents for World Radiocommunication Conferences.
- b. **PRELIMINARY PROPOSAL (PP):** a proposal that one OAS/CITEL Member State presents to PCC.II to be discussed in the WG-WRC with the purpose of turning it into an INTER-AMERICAN PROPOSAL for the WRC and that has not been supported by another Member State.
- c. **DRAFT INTER-AMERICAN PROPOSAL (DIAP):** PRELIMINARY PROPOSAL which has been supported by at least one other Member State.
- d. **INTER-AMERICAN PROPOSAL (IAP):** DRAFT INTER-AMERICAN PROPOSAL, for which the PCC.II has ended its consideration and discussion, and has met the criteria defined in STEP 4 of the development of an IAP.
- e. **MODIFIED INTER-AMERICAN PROPOSAL (IAP-MOD):** INTER-AMERICAN PROPOSAL that has already been submitted to the WRC, that has been adapted to current circumstances and adopted by CITEL in accordance with the provisions of this Resolution.
- f. **INTER-AMERICAN PROPOSAL DEVELOPED AT A WRC (IAP-WRC):** Proposal submitted in the course of the WRC, whose content deals with, and is the result of discussions on, the items of the agenda of future conferences and any position of the Region adopted in response to WRC issues which were not anticipated prior to the WRC.
- g. **LIMIT MEETING:** penultimate meeting of the PCC.II before the WRC. This meeting is to be held at least five (5) months before the beginning of the WRC, so that WRC's document submission deadline can be met.
- h. **FINAL MEETING:** last meeting of the PCC.II before the WRC. This meeting is to be held after the LIMIT MEETING and before the beginning of the WRC.

A. DEVELOPMENT OF INTER-AMERICAN PROPOSALS BEFORE THE WRC

A1. STEPS

The following steps comprise the procedure for the consolidation and adoption of an IAP.

Step 1. Presentation, discussion and consolidation of a PRELIMINARY PROPOSAL in the WG-WRC

Administrations will submit their PRELIMINARY PROPOSALS to PCC.II. Administrations will introduce and discuss their proposals in the WG-WRC meetings with a view to consolidating their PRELIMINARY PROPOSALS into DRAFT INTER-AMERICAN PROPOSALS that relate to the same subject and eventually to develop the texts before the last WG-WRC plenary of the LIMIT MEETING.

Step 2. Evaluation of the support and opposition to PRELIMINARY PROPOSALS in the WG-WRC

After the Chair of the WG-WRC or of one of the Sub Working Groups determines that the treatment and preparation of texts of PRELIMINARY PROPOSALS has been completed, he or she will evaluate such support as the OAS/CITEL Member States may have for each of the PRELIMINARY PROPOSALS with a view to creating a DIAP for presentation to the Member States for their consideration, in accordance with the procedures set out in Steps 3 to 7 below.

If a PRELIMINARY PROPOSAL meets the corresponding support criteria, then it is converted into a DIAP at that time. The PRELIMINARY PROPOSALS that do not achieve the status of a DIAP shall remain PRELIMINARY PROPOSALS until they satisfy those criteria.

PRELIMINARY PROPOSALS will be considered or developed during the FINAL MEETING only if it is based on text resulting from a Conference Preparatory Meeting (CPM) which took place between the LIMIT MEETING and the FINAL MEETING, or PRELIMINARY PROPOSALS related to future WRC agenda items.

Step 3. Circulation of DRAFT INTER-AMERICAN PROPOSALS during one or more rounds of consultation

The CITEL Secretariat will make the DIAPs available to all OAS/CITEL Member States, for consideration no more than two (2) weeks after the closing of the corresponding meetings of the PCC.II, up to and including the LIMIT MEETING, in which these DIAPs have been considered.

The CITEL Secretariat will request OAS/CITEL Member States to submit their support or opposition. The CITEL Secretariat will reflect such support or opposition in the updated document for the following PCC.II meeting.

Step 4. Evaluation of the support and opposition of the DRAFT INTER-AMERICAN PROPOSALS

During the WG-WRC meetings the support and opposition to each of the DIAPs will be evaluated.

If a DIAP has been supported by at least six (6) OAS/CITEL Member States and is not opposed by more than 50% (fifty percent) of the number of supports obtained, it will be converted to an IAP.

Step 5. Circulation of the INTER-AMERICAN PROPOSALS

No more than two (2) weeks after the closing of the LIMIT MEETING and the FINAL MEETING the Secretariat will make available the IAPs to all OAS/CITEL Member States.

OAS/CITEL Member States wishing to add their support to IAPs may do so following the procedure in section A2 below.

Step 6. DRAFT INTER-AMERICAN PROPOSALS that did not become INTER-AMERICAN PROPOSALS at the FINAL MEETING

OAS/CITEL Member States can submit their support or opposition to DRAFT INTER-AMERICAN PROPOSALS on future WRC agenda items during a two weeks period after the FINAL MEETING to the CITEL Secretariat.

At the end of the two (2) weeks period, the DIAP that meets the approval criteria defined in Step 4 will then become an IAP and be submitted to the WRC by the CITEL Secretariat.

DRAFT INTER-AMERICAN PROPOSALS on other agenda items that did not become IAPs at the FINAL MEETING will no longer be considered.

Step 7. Sending INTER-AMERICAN PROPOSALS to the ITU

At the LIMIT MEETING, the PCC.II, in a plenary session will approve a Resolution to define:

- a. the list of IAPs;
- b. the list of DIAPs that, despite the efforts done, have not yet become IAPs;
- c. the date IAPs are to be sent to the ITU.

At the FINAL MEETING, the PCC.II, in a plenary session will approve a Resolution to define:

- a. the list of IAPs;
- b. the list of DIAPs on future WRC agenda items that, despite the efforts done, have not yet become IAPs;
- c. the date IAPs are to be sent to the ITU.

The Secretariat of CITEL will send the IAPs to the ITU in the time frame set by the PCC.II, following ITU rules and procedures.

A2. SUPPORT

OAS/CITEL Member States wishing to support a PRELIMINARY PROPOSAL being considered in the WG-WRC must do so during a session of the WG-WRC or a session of the appropriate sub working group of the WG-WRC either orally or in writing.

OAS/CITEL Member States wishing to support a DIAP being considered by PCC.II, must do so during a PCC.II plenary session, a session of the WG-WRC, or in accordance with Step 3 or 6 above, either orally during the meeting or in writing at meetings or between meetings, as applicable.

OAS/CITEL Member States wishing to support an IAP may do so:

- a. during a PCC.II plenary session, including the FINAL MEETING, either orally or in writing;
- b. between PCC.II meetings by sending written notice (letter, fax or e-mail) to the Secretariat of CITEL, before the FINAL MEETING;
- c. after the FINAL MEETING and before the start of the WRC, by sending written notice (letter, fax or e-mail) to the Secretariat of CITEL;
- d. directly through their delegation participating in the WRC.

The Secretariat will give the ITU the names to be added in the form of a “corrigendum” to the document of the IAP.

A3. OPPOSITION

It is understood that OAS/CITEL Member States which oppose a DIAP shall indicate clearly the reasons of their oppositions.

OAS/CITEL Member States wishing to oppose a DIAP being considered by PCC.II must do so during a PCC.II plenary session, a session of the WG-WRC, or in accordance with Step 3 or 6 above, either orally during the meeting, or in writing at meetings or between meetings, as applicable.

A4. GENERAL PROVISIONS

A4.1. Obtaining support

The OAS/CITEL Member State that originally submitted a PRELIMINARY PROPOSAL shall undertake the task of coordinating and encouraging its support, in order that it becomes a DIAP and an IAP afterwards.

A4.2. Format for DRAFT INTER-AMERICAN PROPOSALS

The heading of each DIAP, being considered in the PCC.II, must include the following elements in the order indicated below:

- a. the names of the OAS/CITEL Member States that expressed their support (these names will be typed in bold, in order to facilitate the management of supports)
- b. the names of the OAS/CITEL Member States that have expressed their opposition.

A4.3. Electronic Forum

The CITELE's Electronic Forum will include:

- a. all the DIAPs being considered, identifying the supports and oppositions received;
- b. all the IAPs, identifying the supports and oppositions received;
- c. date of the LIMIT MEETING; and
- d. date of the FINAL MEETING.

A4.4. Contact points

Communications with the OAS/CITEL Member States should be channeled through the contact points identified to CITELE in accordance with Article 24 of the Statute and Article 84 of the Regulations of CITELE.

A4.5. Superposition of competence

If the topic being considered involves areas of competence of other CITELE bodies, their opinions thereof must be obtained before the process is completed.

A4.6. Attitudes of OAS/CITEL Member States during the WRC

It is understood that if a OAS/CITEL Member State chooses to oppose a specific IAP or CITELE position at the WRC, that OAS/CITEL Member State will make every effort to inform the Chair or the Vice-Chair of the WG-WRC and the OAS/CITEL Member States supporting that IAP or CITELE position of their intention before expressing formally such opposition in any WRC session.

A4.7. National activities

OAS/CITEL Member States are encouraged to schedule their national preparatory activity in such a way as to be prepared to state support for or opposition to DIAPs as early as possible, or by the conclusion of the LIMIT MEETING.

A4.8. Support or opposition in square brackets

A OAS/CITEL Member State wishing to express their provisional support or opposition may do so using square brackets. However, this support or opposition is not considered for the development of a DIAP or IAP.

At the end of the FINAL MEETING any names of the OAS/CITEL Member States in square brackets will be removed.

A4.9. Conflict

In the case where discussions during the FINAL MEETING result in DIAP or IAP that conflict, support for one proposal will be considered as opposition to the other and the resulting proposals will be evaluated using procedures established in Step 4.

An OAS/CITEL Member State supporting, at the same time, both of the DIAP or IAP in this case will not be counted towards the approval of an IAP.

B. MODIFICATION OF AN INTER-AMERICAN PROPOSAL DURING A WRC (IAP-MOD)

During a WRC, it may become necessary to consider modifications to the text of an IAP based on discussions held during the WRC with respect to specific agenda items.

When that is the case, the OAS/CITEL Member States present at the Conference and that originally supported the IAP will discuss the matter to decide whether a proposal for modification is applicable. If any of those OAS/CITEL Member States do not support the proposal for modification, the IAP remains unchanged.

If those OAS/CITEL Member States agree to propose the modification, it shall be submitted to the consideration of the WG-WRC, and if none of the OAS/CITEL Member States present at the meeting of that group expresses its opposition, then it is approved and shall be forwarded to the WRC by the CITEL Secretariat. However, in case there is opposition by an OAS/CITEL Member State that has not originally supported the IAP during the WG-WRC meeting, the IAP-MOD is only approved if not opposed by more than 25% of OAS/CITEL Member States present at that meeting.

In the case of an IAP-MOD, only the names of the OAS/CITEL Member States present at the meeting and supporting the modified IAP will be listed on the heading. OAS/CITEL Member States not in attendance of the WG-WRC meeting or the WRC will be informed by the CITEL Secretariat of the modified IAP once it is approved at the meeting.

Any OAS/CITEL Member States desiring to have their names added to the IAP-MOD will contact the Secretariat of CITEL for them to follow the established procedure with ITU.

An IAP-MOD rescinds, supersedes and extinguishes the corresponding original IAP.

C. NEW INTER-AMERICAN PROPOSALS DURING A WRC (IAP-WRC)

Given that the WRC is a dynamic process, some issues might arise from the agenda items that would not have been foreseen before the WRC and that might require an IAP.

Proposals for new IAPs will not be considered during a WRC with the exceptions specified below, bearing in mind that this option must not be used as an alternative to the procedures previously established to draft an IAP, nor can specific proposals that were previously considered be submitted:

- i) Proposals for future WRC agenda items based on the treatment of current WRC issues

In the course of the treatment of the various agenda items for the WRC, it might be relevant to develop an IAP-WRC for the purpose of including items on the agenda of future Conferences based on discussions for these various agenda items.

Regarding the IAPs already submitted to the WRC on future WRC agenda items, it might be necessary to consolidate and prioritize them based on the number of supports and oppositions of OAS/CITEL Member States for each IAP.

ii) WRC agenda item issues which were not anticipated prior to the WRC.

This would include proposals from other regional organizations for future WRC agenda items for which CITEL is required to state a position of support, opposition or neutrality. Establishing a CITEL position on other issues may also be beneficial.

Upon the identification of the need to develop a new IAP (including the establishment of a CITEL position), the responsible spokesperson will circulate the proposed text to WG-WRC participants by the electronic means decided at the time, and will also set the maximum period during which the views of the OAS/CITEL Member States may be accepted.

In the case of an IAP-WRC, only the names of the Member States present at the WG-WRC meeting and supporting the new IAP will be listed on the heading. Those OAS/CITEL Member States not in attendance shall be informed by the CITEL Secretariat of the IAP-WRC once it is approved. OAS/CITEL Member States wishing to have their names added shall contact the CITEL Secretariat either orally or in writing.

The IAP will be considered approved if not opposed by more than two (2) OAS/CITEL Member States present at the WRC.

When the IAP-WRC has been approved, the spokesperson of OAS/CITEL shall proceed in accordance with the functions assigned him by Resolution PCC.II/RES. 65 (XV-10)

D. APPLICATION OF THIS PROCEDURE

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

Any topic that is not covered in this procedure must be resolved in a plenary session of PCC.II after the respective consultation with the Chair of WG-WRC.

MINIMUM PROCEDURES REQUIRED FOR TECHNICAL MONITORING OF THE SPECTRUM

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

- a) That the increasing demand of the radio frequency spectrum, has made it necessary to generate new transmission technologies to achieve greater spectral efficiency, therefore, the technical spectrum monitoring task is more complex;
- b) That the administrations' establishing bilateral or multilateral agreements on unified methods to technically monitor the spectrum, will be of great help to fight interferences in the border areas as well as promote efficient use of the spectrum;
- c) That to perform the vigilance and control of the spectrum function more efficiently, the administrations, through their competent entities must define and standardize technical parameters and procedures to carry out measurements as it may correspond to the radiocommunication service or band under study;
- d) That it is necessary to set up an appropriate information exchange mechanism that allows for an efficient application of the process for technical monitoring of the spectrum among the administrations;
- e) That the methods used to technically monitor the spectrum vary according to the services, frequency bands, measurement systems used and performed procedures, which means it is necessary to establish the minimum configuration and operation specifications and requirements used to technically monitor the spectrum;
- f) That the Handbook on Spectrum Monitoring as well as the Recommendations made by the International Telecommunication Union (ITU) define some of the measurement procedures, for which it is possible to widen the methodology to be applied, aimed to standardizing the procedures at a regional level;
- g) That in the cases where there is harmful interference in the border areas it is convenient to have methods to technically monitor the spectrum that have been standardized at the international level and homologated by the administrations, in order to find a solution to the said interferences,

RESOLVES:

1. To instruct the Sub- Working Group on Spectrum Management to work on developing a new Recommendation that will work as a reference for the sector, specifying the entire hypothesis currently in the ITU – R Handbook on Spectrum Monitoring (2011 Edition), and that includes, at least, the following:
 - a. Measurement procedures matched to the operation's features as per the radiocommunication services and frequency bands;

⁴ CCP.II-RADIO/doc.3248/13

- b. minimum configuration specifications of the basic measurement systems;
 - c. the minimum information to be collected during the technical monitoring of the spectrum to facilitate exchanging it among the administrations;
 - d. a method to technically monitor the spectrum that allows for solving harmful interference situations, based on standardized basic system configuration and technical requirements;
2. To use the contents of the Appendix to document CCP.II-RADIO/doc. 3248/13 as a starting point to develop said Recommendation.
3. That the Sub-Working Group on Spectrum Management submit for approval, the said Draft Recommendation during the XXII Meeting of the PCC.II, for which the subgroup shall use on line technologies in order to perform the necessary work.

PCC.II/RES. 92 (XXI-13) ⁵

AGENDA, VENUE AND DATE FOR THE XXII PCC.II MEETING

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

RESOLVES:

- 1. To hold the XXII Meeting of PCC.II in venue to be confirmed during the week of 4 to 8 November 2013.
- 2. To approve the draft agenda for the XXII Meeting, that is attached as an Annex.

ANNEX TO RESOLUTION PCC.II/RES. 92 (XXI-13)

- 1. Approval of the agenda and calendar.
- 2. Appointment of the Drafting Group for the Final Report.
- 3. Meeting of the Chairs of the Working Groups on:
 - 3.1 Working Group on Preparation for Regional and World Radiocommunication Conferences.
 - 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 to Provide Fixed and Mobile Services.
 - 3.4 Working Group on Broadcasting.

⁵ CCP.II-RADIO/doc.3299/13 rev.1

- 3.5 Rapporteur Group on the Technical and Regulatory Aspects Related to the Effects of Electromagnetic Non-ionizing Emissions.
4. Strategic Plan of PCC.II.
5. Agenda, Venue and Date of the XXIII Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the XXII Meeting.

DRAFT AGENDAS OF 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-15) and the World Radiocommunication Conference (WRC-15).
4. Other matters.

3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services

1. Approval of the agenda.
2. Draft new Recommendations:
 - 2.1 Broadband Power Line Communications.
 - 2.2 White Space in broadcasting bands.
3. Update of PCC.II Recommendations.
 - 3.1 Recommendation on very low power devices.
4. Issues under discussion:
 - 4.1 IMT implementation in Region 2.
 - 4.2 Available frequencies for emergency situations.
 - 4.3 Implementation of digital divide in the 700 MHz band.
5. New issues:
 - 5.1 Broadband Wireless Access (BWA), including convergence between Fixed and Mobile Service.
 - 5.2 Allocation to Radiolocation Services.
 - 5.3 Analysis, revision and discussion of issues that appear as a result of technological development (UWB, cognitive radio, etc).
6. Work Plan.
7. Other issues.
 - 7.1 Introduction of new systems in the Aeronautical Mobile Service (R) – AMS(R).

3.3 Working Group on satellite systems to provide fixed and mobile services

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. Use of satellite systems for public protection and rescue operations (PPRO).
7. Use of Integrated Systems as an emerging element of Next Generation Networks (NGN).
8. Operation of satellite services with no authorization.
9. Work Plan.
10. Other business.

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. Review of the Work Plan.
5. Other business.

3.5 Rapporteur Group on the Technical and Regulatory Aspects Related to the Effects of Electromagnetic Non-ionizing Emissions (NIR)

1. Opening remarks and approval of the agenda.
2. Systems of measurements of NIR.
3. Report of the status of advance of the studies of the Rapporteur Group.
4. Work Plan.
5. Other business.

IV. RECOMMENDATIONS

PCC.II/REC. 38 (XXI-13)⁶

USE OF THE 698 - 806 MHZ BAND IN BORDER AREAS

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

CONSIDERING:

- a) The need for the countries of the region to adopt measures to ensure the feasibility of increasing mobile broadband services, especially among rural and difficult to reach populations with the corresponding social and economic benefits of the digital age;
- b) That the process of digitizing analog television is an opportunity for countries to adopt reorganization measures for the radio spectrum aimed at promoting the use of mobile telecommunication services;
- c) That the deployment of high-speed terrestrial mobile services in the digital dividend frequency band will make possible a significant increase in broadband coverage in the region, facilitating increased penetration and, therefore, increasing the productivity and competitiveness of each country;
- d) That the countries that have considered deploying terrestrial mobile services in the digital band will make efforts to implement it nationwide, including border areas;
- e) That several of the region's countries have disseminated their plans for implementing the digital dividend for use of the International Mobile Telecommunications (IMT), with different dates, terms and conditions to facilitate digitalization of television broadcasting services in order to allow the effective use of this spectrum in mobile broadband services;
- f) That most countries of the region are implementing reorganization plans for the digital dividend band; therefore total or partial use of this spectrum still exists for television broadcasting service;
- g) That studies on compatibility of digital terrestrial television services and IMT are still ongoing, notwithstanding cases where there is a need to take preventive steps to mitigate possible detrimental interference potentially affecting their optimal performance;
- h) The need to coordinate spectrum use in border areas to avoid detrimental interferences as well as the financial benefits arising from agreements between countries which allow maximizing spectrum use in border areas,

RECOGNIZING:

- a) That pursuant to footnote 5.317A of the Radio Regulations, parts of band 698-960 MHz in Region 2 allocated to primary mobile service have been identified for their use by administrations that wish to introduce International Mobile Telecommunications (IMT);

⁶ CCP.II-RADIO/doc.3282/13 rev.1

- b) That Resolution 224 (WRC-07) recommended that administrations use bands below 1 GHz for the deployment of IMT;
- c) That PCC.II, through Recommendation PCC.II/REC. 33 (XVIII-12), recommended that the OAS/ CITEI administrations planning to utilize the band 698 - 806 MHz for mobile services include a primary allocation to the mobile service in their respective national tables of frequency allocations, as soon as possible;
- d) That different countries of the region have made a primary allocation of the band 698 – 806 MHz to the mobile service;
- e) That PCC.II adopted Recommendation PCC.II/REC. 37 (XX-12), in which it is recommended that the OAS/CITEI Administrations planning to use band 698 to 806 MHz for terrestrial mobile services make official their decision to adopt a channeling arrangement for the Digital Dividend band publicly,

RECOMMENDS:

That administrations with common borders, consider adopting coordinated and timely measures to facilitate the use of the band 698-806 MHz by the land mobile service without causing harmful interference.

PCC.II/REC. 39 (XXI-13)⁷

DEVELOPMENT OF PRINCIPLES FOR THE RADIOCOMMUNICATION ASPECTS OF NATIONAL BROADBAND PLANS

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

RECOGNIZING:

- a) That the ITU/UNESCO Broadband Commission for Digital Development⁸ has issued a Call for Action and has agreed on a set of targets, including, among others, making broadband policy universal, that all countries have a national broadband plan or strategy or include broadband in their universal access / service Definitions so that by 2015:
1. The broadband is affordable, so the basic broadband services amount to less than 5% of average monthly income.
 2. 40% of households in developing countries have Internet access.
 3. Internet user penetration should reach 60% worldwide, 50% in developing countries and 15% in Least Developed Countries (LDCs).

⁷ CCP.II-RADIO/doc.3298/13 rev.1

⁸ <http://www.broadbandcommission.org/documents/BBCom-Rio+20-v15>

- b) That a number of administrations have or are developing national broadband plans (NBPs), including Argentina, Brazil, Canada, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, Mexico, Peru, Trinidad and Tobago, and United States of America, some of which but not all include specific spectrum goals;
- c) That radio spectrum is essential for wireless communications, since the technologies used facilitate broadband connectivity and growth in the regional and national economies;
- d) That connectivity using wireless technologies is important in reducing the digital divide and building an inclusive information society;
- e) That broadband access can help improve the access to other national services;
- a) That broadband access technologies open new opportunities for administrations to consider in their planning and that these developments have international spectrum implications,

CONSIDERING:

- a) That PCC.I is developing the Technical Notebook on "Policies for the Development of broadband in the Americas Region", with the goal of providing updated and detailed information of the experiences that the Member States of CITEL;
- b) That several Member States have already provided information towards the compilation of the aforementioned Technical Notebook;
- c) That this Technical Notebook establishes political, economic and social guidelines that the administrations shall have at hand, at the time of developing, executing and implementing their National Broadband Plans;
- d) That it is beneficial for the Member States to consider, more specifically, the use of the radio spectrum for broadband development,

TAKING INTO ACCOUNT:

- a) That on April 7, 2013 a Seminar on Fixed and Mobile Satellite Services took place, including the participation of Administrations, National and International Operators and International Organizations;
- b) That this seminar dealt with the national broadband connectivity programs, clearly identifying the need to use satellite services as an important tool for developing national broadband plans,

RECOMMENDS:

1. That the development of the National Broadband Plans of the Member States includes technical aspects linked to the planning and later use of the radioelectric spectrum.
2. That the Member States evaluate the potential different uses of the spectrum portion resulting from the digital divide in order to include it in the objectives of their National Broadband Plans.
3. That Member States include specific goals and objectives in their National Broadband Plans for evaluating broadband spectrum requirements, as well as the timeframe for that evaluation.

4. That the Member States consider the use of both satellite and terrestrial radiocommunication services, in general, for the development of their National Broadband Plans.

INSTRUCTS THE CITEL SECRETARIAT:

To submit this Recommendation to PCC.I for its knowledge and eventual evaluation of related actions within the framework of its jurisdiction.

V. DECISIONS

PCC.II / DEC. 148 (XXI-13) ⁹

UPDATE OF THE "REPORT ON IMPLEMENTATION PLANS IN THE AMERICAS FOR THE BANDS IDENTIFIED FOR IMT IN THE ITU RADIO REGULATIONS" AND REQUEST FOR INFORMATION AND VIEWS FOR THE IMPLEMENTATION OF RECOMENDATION PCC.II/REC.35 (XX-12)

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

To instruct the Executive Secretary of CITELE to distribute a communication requesting to send to the IMT Coordinator, Mr. José Costa (jose.costa@ericsson.com), with copy to the CITELE Secretariat:

1. Updated information from Member States for the "Report on implementation plans in the Americas for the bands identified for IMT in the ITU Radio Regulations", which appears in Annex 1 and Annex 2 of Document CCP. II-RADIO/3233/13 rev.2.
2. Responses from members (both Member States and Associate Members) to the questions and expanding the information that are presented in Section 4 of document CCP.II-RADIO/doc. 3233/13 rev.2, with the objective of facilitating the implementation of Recommendation PCC.II/REC.35 (XX-12) "Use of the frequency range 807-849 / 852-894 MHz for mobile cellular services".

The IMT coordinator will present his updated report at the XXII Meeting of PCC.II.

PCC.II/DEC. 149 (XXI-13) ¹⁰

COMPILATION OF FURTHER INFORMATION RELATED TO THE UPDATE AND REVIEW OF THE 1981 AND 1988 RIO DE JANEIRO AGREEMENTS

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To instruct the Executive Secretary to send a letter to the CITELE Member States asking them to submit the following to Mr. Claudio Castro of the Administration of Argentina (ccastro@cnc.gov.ar), before the end of August, 2013:

⁹ CCP.II-RADIO/doc.3291/13

¹⁰ CCP.II-RADIO/doc.3293/13

a) The questionnaire approved by Resolution PCC.II/RES. 83 (XIX-12) and reinforced by Decision PCC.II/DEC. 144 (XX-12) from the Administrations that have not as yet submitted it;

b) The additional issues are as follows:

- What are the practical problems that your Administration has found with regard to enforcement of the “1981 and 1988 Rio de Janeiro Agreements”, whether related to the technical criteria defined therein, the coordination procedure or possible limitations of the software tools available to conduct the electromagnetic compatibility analysis (including the software platform developed by the International Telecommunication Union in the early 1980’s.)
- What are the priorities of your Administration, listed in order of importance, for review or inclusion of the aforementioned Agreements.

2. To request the Rapporteurship n issues concerning the updating and revision of the 1981 and 1988 Rio de Janeiro Agreements to prepare a report to enable the Working Group on Broadcasting to consider the possible preparation of an action plan on the subject matter of the study.

PCC.II/DEC. 150 (XXI-13)¹¹

CREATION OF A REGIONAL GROUP FOR THE AMERICAS WITHIN THE SCOPE OF THE ITU-T STUDY GROUP 5 “ENVIRONMENT AND CLIMATE CHANGE” (SG5 RG-AMR)

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

To instruct the Secretariat of CITELE to inform the Member States and the Associate Members of PCC.II the Resolution approved at the World Telecommunication Standardization Assembly WTSA of the ITU in Dubai, 2012 (WTSA-12), through which a Regional Group for the Americas (SG5 RG-AMR) was created within the scope of the Study Group 5 of the ITU -T “Environment and Climate Change”, as well as to inform the contact information of said Regional Group listed below:

Chair of the regional group:

Héctor Mario Carril (Argentina)

Contact information:

hectormario.carril@ties.itu.int

tsbsg5@itu.int

¹¹ CCP.II-RADIO/doc.3293/13

PCC.II/DEC. 151 (XXI-13)¹²

COOPERATION AND CONVERGENCE BETWEEN BROADCASTING AND MOBILE SERVICES USING LTE NETWORKS

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To include the contents of the document CCP.II-RADIO/doc. 3185/13 “Cooperation and convergence between broadcasting and mobile services using DVB-T and LTE networks” in the document on the digital television transition and opportunities for application convergence.
2. To instruct the Coordinators of the Discussion Group to Address the Digital Dividend Spectrum Resulting from the Digital Television Transition and Opportunities for Application Convergence (Mr. Claudio Castro (Argentina) and Mr. José Costa (Canada) (see Decision PCC.II/DEC. 118 (XVII-11))) to complete the above mentioned by the XXII Meeting of PCC.II, and include it in the virtual community: http://community.oas.org/citel/ccpii/digital_dividend/default.aspx

PCC.II/DEC. 152 (XXI-13)¹³

PPDR BASED ON IMT TECHNOLOGIES AT 700 MHZ

The XXI Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To ask the Secretariat of CITELE to send Administrations the Draft Recommendation PCC.II/REC.XXX (XXI-13) “PPDR BASED ON IMT TECHNOLOGIES AT 700 MHZ” enclosed to the Document CCP.II-RADIO/Doc.3256/13.
2. To ask the Secretariat of CITELE to request Administrations to take into consideration this Draft Recommendation and invite them to submit contributions aimed at improving the content for a possible approval in the next PCC.II meeting.
3. To ask the Chairman of PCC.II to distribute the contributions that may be received on the subject to the appropriate Working Group.

¹² CCP.II-RADIO/doc.3300/13

¹³ CCP.II-RADIO/doc.3302/13

PCC.II/DEC. 153 (XXI-13)¹⁴

**RESPONSE TO CEPT REQUEST ON DEPLOYMENT OF MOBILE AND FIXED SYSTEMS
AROUND 400 MHZ QUESTIONNAIRE FOR WRC-15 AGENDA ITEM 9.1.1**

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To ask CEPT for clarification of their request for information on deployment of mobile and fixed systems around 400 MHz questionnaire for WRC-15 agenda item 9.1.1.
2. To instruct the Secretariat of CITEL to send a message to CEPT requesting more detailed instruction of what is required/desired of the CITEL Member States to satisfy the above mentioned questionnaire.

PCC.II/DEC. 154 (XXI-13)¹⁵

**DATES OF THE WORLD RADIOCOMMUNICATION ASSEMBLY (RA) AND THE WORLD
RADIOCOMMUNICATION CONFERENCE (WRC) OF 2015**

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To express that, in view of its missions and jurisdictions, it considers it advisable to maintain the dates already adopted by the International Telecommunication Union (ITU) Council for the World Radiocommunication Assembly (RA) and the World Radiocommunication Conference (WRC) of 2015.
2. To request the Administrations of the OAS that are part of the ITU Council to maintain, where possible, the dates cited for RA-15 and WRC-15 in Resolution 1343 at the meeting of the Council to be held in June of 2013.
3. To instruct the Executive Secretary of the CITEL to send this Decision to the Administrations.

¹⁴ CCP.II-RADIO/doc.3322/13

¹⁵ CCP.II-RADIO/doc.3297/13

PCC.II/DEC. 155 (XXI-13)¹⁶

REQUEST FOR COMMENTS ON A DRAFT RECOMMENDATION ON USE OF THE 1710-1780 / 2110-2180 MHZ BANDS IN THE AMERICAS FOR BROADBAND MOBILE SERVICES

The XXI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II)

DECIDES:

To instruct the Executive Secretary to send a communication to the Member States, requesting for the next meeting of PCC.II, comments and/or proposals with respect to the DRAFT RECOMMENDATION PCC.II/REC. XXX (XXII-13) – USE OF THE 1710-1780 / 2110-2180 MHZ BANDS IN THE AMERICAS FOR BROADBAND MOBILE SERVICES” (document CCP.II-RADIO/doc. 3295/13 rev.1) with the objective of finalizing the draft Recommendation at the XXII meeting of PCC.II.

PCC.II/DEC. 156 (XXI-13)¹⁷

APPOINTMENT OF A COORDINATOR FOR THE ITU-R STUDY GROUP ON SPECTRUM MANAGEMENT

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To appoint a Coordinator to report to the Sub-Working Group on Spectrum Management of PCC.II on the activities carried out within the ITU-R Study Group 1 and its corresponding Working Groups.
2. To appoint Mrs. Adriana Rodríguez (adriana.rodriguez@ane.gov.co) from the Administration of Colombia as the Coordinator referred to in *decides* 1.
3. To request the appointed Coordinator to prepare reports on the activities of said Study Group and circulate them for review by participants from the CITEL Member States that attend those meetings prior to submitting them to the PCC.II Sub Working Group of Spectrum Management.

¹⁶ CCP.II-RADIO/doc.3301/13

¹⁷ CCP.II-RADIO/doc.3292/13 rev.2

**UPDATE OF THE INFORMATION ON ALLOCATION AND USE OF THE
4/6 GHZ, 10/14 GHZ Y 20/30 GHZ BANDS**

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To instruct Mr. Duvan Javier Mejía Mateus (dmejia@mintic.gov.co) and Mr. Hugo Mario Trivino (htrivino@mintic.gov.co) of the Administration of Colombia to contact the Administrations, requesting the submission of up-to-date information on the allocation¹⁹ and use²⁰ of the following frequency bands:

- i. 3400 – 4200, 4500 – 4800, 5850 – 6425 y 6725 – 7025 MHz
- ii. 10.7 – 12.2, 12.75 – 13.25 y 13.75 – 14.5 GHz
- iii. 17.7 – 21.2 y 27.5 – 31 GHz

This might be undertaken by specifically identifying the applicable site on the Internet, when available.

2. To request the Administration of Colombia to conduct an analysis of the CITELE database, using as reference information existing in the spectrum allocation databases of other regional organizations or administrations.

3. To request the Administration of Colombia to submit the result of this analysis at the next meeting of PCC.II.

¹⁸ CCP.II-RADIO/doc.3287/13 rev.5

¹⁹ **Allocation** (of a frequency band): Entry in the Table of Frequency Allocations of a given frequency band for the purpose of its use by one or more terrestrial or space radiocommunication services or the radio astronomy service under specified conditions. (Definition corresponding to RR 1.6) For instance, indicate: Fixed, Mobile, Satellite Fixed, among others.

²⁰ **Use**: Refers to generally identified services being used in a given frequency band. For instance, indicate: Point-to-point Radio links, VSAT Systems, Satellite Broadcasting, Fixed Wireless Access, among others.

**CONCLUSION OF THE ACTIVITY OF THE AD-HOC GROUP TO ADDRESS THE DIGITAL
DIVIDEND SPECTRUM RESULTING FROM THE DIGITAL TELEVISION TRANSITION
AND OPORTUNITIES FOR APPLICATION CONVERGENCE**

The XXI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II),

DECIDES:

1. To declare as completed the activities of the Ad-Hoc Group to Address the Digital Dividend Spectrum Resulting from The Digital Television Transition and Opportunities for Application Convergence, taking into account that it has now fulfilled its mandate.
2. To instruct the Secretariat of the CITEI to send a message to the Administrations of Mexico and Argentina that served as chair and vice-chair of the group, thanking them for their efforts.

²¹ CCP.II-RADIO/doc.3296/13

VI. LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session:	CCP.II-RADIO/doc. 3309/13
Summary Minutes of the First Plenary Session:	CCP.II-RADIO/doc. 3309/13
Summary Minutes of the Second Plenary Session:	CCP.II-RADIO/doc. 3310/13
Summary Minutes of the Third Plenary Session and Closing Session:	CCP.II-RADIO/doc. 3311/13 rev.1
Working Group on Preparation for Regional and World Radiocommunication Conferences.	CCP.II-RADIO/doc. 3304/13
Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.	CCP.II-RADIO/doc. 3305/13
Working Group on Satellite Systems to Provide Fixed and Mobile Services.	CCP.II-RADIO/doc. 3306/13
Working Group on Broadcasting.	CCP.II-RADIO/doc. 3307/13
Ad Hoc Group on Allocation of the Digital Dividend Spectrum Resulting from the Transition to Digital Television and Opportunities for Convergent Applications.	CCP.II-RADIO/doc. 3308/13
List of Documents:	CCP.II-RADIO/doc. 3161/13 rev.2
List of Participants:	CCP.II-RADIO/doc. 3162/13 rev.2
Final Report for the Meeting:	CCP.II-RADIO/doc. 3323/13 rev.1