



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

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

**XXIV MEETING OF PERMANENT
CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS
September 29 to October 3, 2014
Mérida City, Yucatán, México**

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FINAL REPORT

(Item on the Agenda: 7)

(Document submitted by the Drafting Group)

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FINAL REPORT

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

The XXIV Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II) was held in Merida, Yucatan, México, from September 29 to October 3 2014.

I. AGENDA¹

1. Approval of the agenda and calendar.
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.
 - 3.2 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.
4. PCC.II Strategic Plan.
5. Agenda, Venue and Date of the XXV Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the XXIV Meeting.

¹ CCP.II-RADIO/doc. 3600/14

II. MEETING OFFICERS

Alternate Chair of PCC.II: Mr. Franklin Merchán Calderón (Colombia)
Vice Chair of PCC.II: Mr. Fernando Carrillo (Colombia)
Vice Chair of PCC.II: Mr. Juan Carlos Morales (Nicaragua)
Vice Chair of PCC.II: Mr. Héctor Budé (Uruguay)
Executive Secretary of CITEI: Mr. Clovis Baptista Neto

Drafting Group:

Chair: Mr. Fernando Cárdenas Gálvez (Mexico)
Members: Mrs. Elizabeth Sosa Hernández (Mexico)
Mr. Juan Pablo Rocha (Mexico)
Mr. Marc Girouard (Canada)
Mr. José Lozano (Colombia)
Mrs. Candice DeVane (United States of America)

III. RESOLUTIONS

PCC.II/RES. 100 (XXIV-14)²

SEMINAR ON “IMT TOWARDS 2020 AND BEYOND”

The XXIV Meeting of the Permanent Consultative Committee: Radiocommunications,

CONSIDERING:

- a) That most Member States have or are considering plans to speed up the deployment of terrestrial IMT services in their countries;
- b) That ITU-R Working Party 5D (WP 5D) is working on various deliverables to be completed by 2015, that will provide guidance on what may be expected in the future development of IMT, including:
 - Draft new Recommendation ITU-R M.[IMT VISION]: “Framework and overall objectives of the future development of IMT for 2020 and beyond”: Addresses the longer term IMT vision for 2020 and beyond to drive the future developments for the radio access network.
 - Draft new Report ITU-R M.[IMT.FUTURE TECHNOLOGY TRENDS]: “Future technology trends of terrestrial IMT systems: Addresses a broad view of future technology aspects and trends of terrestrial IMT systems considering the approximate timeframe 2015 2020 and beyond for system deployment;
- c) That WP 5D is also studying the definition of a work plan, timeline, process and required deliverables for the future development of IMT, necessary to provide by 2020 timeframe the expected ITU-R outcome of evolved IMT in support of the next generation of mobile broadband communications systems beyond IMT-Advanced;
- d) That a series of seminars are being held in various Regions to bring awareness of future needs of IMT systems;
- e) That the Declaration of Commitment of Port of Spain made at the Fifth Summit of the Americas, encourages countries to promote sustainable economic development through the facilitation of information and communication technologies, and telecommunication infrastructures;
- f) That the Permanent Consultative Committees (PCCs) of CITELE have made efforts to schedule seminars/workshops regularly on a diversity of topics with the intention of circulating information;
- g) That one of PCC.II’s mandates is to foster the development and the implementation of modern technologies and new radiocommunication services, specifically their technical and operational aspects in order to understand the changing needs of the Member States;
- h) That the Declaration of Principles and Telecommunication Action Plan adopted at the Meeting of High-level Telecommunication Authorities, celebrated in September 1996 highlight the need to facilitate the

² CCP.II-RADIO/doc. 3701/14

circulation of information on important innovations in telecommunications among the countries of the Region;
and

i) That the efficient policies to reduce the digital divide among the member countries coincide with the objectives of the Millennium Declaration, the Connectivity Agenda for the Americas, the Plan of Action of Quito, the Declaration of Santo Domingo: Good Governance and Development in the Knowledge-based Society, approved by the OAS General Assembly in 2006 and the Plan of Action on the Information Society for Latin America and the Caribbean eLAC 2010, approved at the San Salvador Commitment in 2008.

NOTING:

a) That in conjunction with ITU-R Working Party 5D (WP 5D) a series of Regional seminars is being held on the theme “IMT towards 2020 and beyond”.

b) That the most recent seminar was held in Vietnam on 11 February 2014 as announced in Circular Letter [5/LCCE/44](#), and the programme and the presentations are available at: http://www.itu.int/en/ITU-D/Regional-Presence/AsiaPacific/Pages/Events/2014/Feb_Vietnam/IMT2020.aspx

http://www.cuctanso.vn/Page_content/Quick+links/SEMINAR_ON_IMT_TOWARDS_2020_AND_BEYOND/

RECOGNIZING:

a) The usefulness of the seminars/workshops as an efficient mechanism to focus the attention on important current topics, and to increase the level of knowledge on them;

b) That it is important to analyze the deployment evolution and perspectives of IMT, including IMT-Advanced, technologies and their future needs including spectrum requirements;

c) That it is also important to analyze the deployment evolution and perspectives of the national and regional terrestrial IMT services;

d) That the administrations and other organizations are conducting studies to take as reference, among other things, to develop their national broadband plans and to cater for future needs of mobile broadband services including IMT;

e) That it is favorable to exchange information among the Member States of CITELE, its Associate Members and the Permanent Observers before the OAS; and

f) That the information presented at the CITELE seminars/workshops is an important source of reference for other international and regional organizations,

g) That this seminar will not overlap with the activities of the Working Group on the preparation of CITELE for Regional and World Radiocommunication Conferences.

RESOLVES:

1. To hold a seminar on the subject of IMT towards 2020 and beyond in conjunction with the XXV meeting of PCC.II.
2. To have this seminar, pursuant to Resolution PCC.III/RES.86 (XII-99) “Concerning procedures for the organization of seminars,” with resources from outside CITEL and at no cost to CITEL.
3. To establish a maximum duration of one day for this seminar, to be held in two 3-hour sessions during the meeting of PCC.II.
4. To appoint *Luciana Camargos* as coordinator of the seminar.
5. To adopt the preliminary draft programme in the Annex to this Resolution for the seminar.

INSTRUCTS THE EXECUTIVE SECRETARY:

To send this resolution to the CITEL Member States, Associate Members, and Permanent Observers, urging them to participate in the Seminar.

ANNEX TO RESOLUTION PCC.II/RES. 101 (XXIV-14)

PRELIMINARY DRAFT PROGRAM

CITEL-ITU Seminar on “IMT TOWARDS 2020 AND BEYOND”

(23-27 February 2015, Medellín, Colombia)

[Editor’s Note: Dates and times of the sessions to be confirmed]

First session 09:00-12:15 <Day> – “Technology session”, Chairman: <TBD>

- 09:00 - Seminar opening by Mr. Clovis Baptista, CITEL
- 09:10 - Seminar remarks by Bruno Ramos, ITU Regional Office for the Americas
- 09:15 - Seminar address by CITEL PCC.II Chairman, Mr. Franklin Merchán, and/or ITU-R WP 5D Chairman, Mr Stephen Blust
- 09:30 - “Techniques used in IMT networks to address the growing demand for mobile data” (<TBD>, ALU)
- 09:50 - “3GPP IMT technology development and spectrum aspects” (<TBD>, Nokia)
- 10:10 - *Coffee break*
- 10:30 - “Research trends and IMT beyond 2020” (<TBD>, Ericsson)
- 10:50 - “Mobile devices and services – present and future” (<TBD>, Samsung)
- 11:10 - “Spectrum and technology in Latin America” (<TBD>)
- 11:30 - Q&A

12:15-14:00 – *Networking lunch (standing/buffet)*

Second session 14:00-17:30 <Day> – “Spectrum session”, Chairman: <TBD>

- 14:00 - IMT activities conducted by ITU-D (<TBD>, ITU-D)
- 14:20 - “Socio-economic benefits of IMT” (<TBD>, GSMA)
- 14:40 - “LSA facilitates national spectrum access for IMT” (<TBD>, Nokia)
- 15:00 - “IMT for developing countries” (<TBD>, Qualcomm)
- 15:20 - *Coffee break*
- 15:40 - “New trends on TV-content consumption” (<TBD>, Ericsson)
- 16:00 - “Possible frequency bands suited for IMT” (<TBD>, Huawei)
- 16:20 - “Sharing and compatibility studies” (<TBD>, Intel)
- 16:40 - Q&A

17:30-18:00 – *Closing reception*

PCC.II/RES. 101 (XXIV-14)³

**AGENDA, VENUE AND DATE FOR THE XXV AND XXVI PCC.II
MEETINGS IN 2015**

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

RESOLVES:

1. To hold the XXV Meeting of PCC.II in Medellin, Colombia from 23 to 27 February 2015, and
2. To hold the XXVI Meeting of PCC.II in Ottawa, Ontario, Canada from 17 to 21 August 2015.
3. To approve the draft agenda for the XXV and the XXVI Meetings, that is attached as an Annex.

ANNEX TO RESOLUTION PCC.II/RES. 101 (XXIV-14)

1. Approval of the agenda and calendar.
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.
 - 3.2 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.
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.

³ CCP.II-RADIO/doc. 3697/14 rev. 3

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. 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 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. Operation of satellite services with no authorization.
7. Work Plan.
8. 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.

PCC.II/RES. 102 (XXIV-14)⁴

**PROCEDURES FOR PROCESSING APPROVED DOCUMENTS OF PCC.II AND
CORRESPONDENCE RECEIVED FROM ADMINISTRATIONS BY THE SECRETARIAT
BETWEEN MEETINGS OF PCC.II**

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

CONSIDERING:

- a) That the Inter-American Telecommunication Commission (CITEL) as a specialized advisory body of the Organization of Americas States (OAS) in matters of telecommunications, conducts important work of interest to its members;
- b) The need to have efficient procedures that allow PCC.II to produce accurate documents in order to meet the objectives of the Committee;
- c) That the CITEL Secretariat provides essential assistance to the work of PCC.II;
- d) That the CITEL Secretariat may receive correspondence from Member States or other information between meetings of PCC.II related to approved documents,

RECOGNIZING:

- a) That PCC.II/RES. 90 (XXI-13) "INTER-AMERICAN PROPOSALS FOR WORLD RADIOCOMMUNICATION CONFERENCES" establishes the specific procedures for the adoption of Inter-American Proposals (IAP),
- b) That PCC.II/RES. 98 (XXIII-14) adopted the procedures for processing approved documents of PCC.II and correspondence received from administrations by the Secretariat between meetings of PPC.II

RESOLVES:

1. That no changes shall be made to the documents approved by PCC.II Meeting after the closure of that meeting, with the exception of typo/editorial corrections.
2. That documents approved by a PCC.II Meeting shall be made available on the CITEL website no later than two weeks after the closure of that meeting.
3. To instruct the Secretariat to prepare an input document to the next PCC.II Meeting attaching all correspondence from CITEL Members requesting revisions to documents approved by the prior PCC.II Meeting.
4. To instruct PCC.II Chairmen, Coordinators and Rapporteurs to review the accuracy of final documents prior to their presentation for approval.
5. To revoke PCC.II/RES. 98 (XXIII-14).

⁴ CCP.II-RADIO/doc. 3709/14 rev. 1

PCC.II/RES. 103 (XXIV-14)⁵

PCC.II WORK PLAN FOR 2014-2018

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

CONSIDERING:

- a) The Strategic Plan for 2014-2018 adopted by the VI Regular Meeting of the Assembly of CITEL, by Resolution CITEL RES. 70 (VI-14), and the need to establish mechanisms for monitoring and evaluating its fulfillment by PCC.II;
- b) Resolution CITEL RES. 74 (VI-14), “ESTABLISHMENT OF THE PERMANENT CONSULTATIVE COMMITTEES,” which establishes the objectives and mandates of the PCCs;

RESOLVES:

- 1. To approve the work plans of PCC.II attached below.
- 2. To assess the results of and revise these work plans annually.
- 3. To rescind PCC.II/RES. 37 (VIII-06).
- 4. To submit this resolution to the XXIX Meeting of COM/CITEL.

ANNEX TO RESOLUTION PCC.II/ RES. 103 (XXIV-14)

A. Working Group for the Preparation of CITEL for Regional and World Radiocommunication Conferences

1. AUTHORITIES

Chair: HECTOR BUDE - URUGUAY
Vice-Chair: CARMELO RIVERA – UNITED STATES OF AMERICA

2. TERMS OF REFERENCE

- 2.1 To develop common positions and draw up Inter-American proposals on issues related to Radiocommunication and Broadcasting to be addressed by World and/or Regional Conferences convened under the aegis of the International Telecommunication Union (ITU).
- 2.2 To coordinate relations and the exchange of information with other Regions on issues under its responsibility.
- 2.3 To coordinate CITEL’s work during Regional and World Radiocommunication Conferences.

⁵ CCP.II-RADIO/doc. 3677/14 rev. 5

- 2.4 To coordinate topics of mutual interest with other PCC.II Working Groups.
- 2.5 To inform the Member States about the outcomes of the World Radiocommunication Conferences, and on the adoption of the Inter-American proposals presented in said conferences.

3. OBJECTIVES

- 3.1 To ensure that the backgrounds and proposals for each item on the Agenda of Regional and World Radiocommunication Conferences to be held during the period 2014-2018 are kept updated.
- 3.2 To agree on Inter-American Proposals (IAPs) to be presented at Regional and World Radiocommunication Conferences to be held during the period 2014-2018.

4. STRATEGIC PRIORITY

To promote the active participation of all CITELE Administrations in presenting and negotiating the proposals mentioned in the Agenda items of Regional and World Radiocommunication Conferences to be held during the period 2014-2018.

5. LINES OF ACTION

- 5.1. To analyze proposals and promote agreements or consensus leading to Draft Inter-American Proposals (DIAPs).
- 5.2. To promote rapprochement among the Administrations to achieve Inter-American Proposals (IAPs).
- 5.3. To endeavor to have the DIAPs and IAPs be distributed to all the Administrations on a timely basis.
- 5.4. To call for the active participation of the Administrations at the meetings of the Working Group for the Preparation for Regional and World Radiocommunication Conferences.
- 5.5. To foster the participation of the Administrations in the preparatory process to the Regional and World Radiocommunication Conferences to be held during the period 2014-2018.
- 5.6. To foster circulation of relevant information through the contacts identified by the Administrations taking part in the ITU-R Study Groups and through the CITELE spokespersons at the relevant meetings.
- 5.7. To foster participation and presentation of proposals by the Administrations during the period between PCC.II meetings.
- 5.8. To interact with other CITELE Working Groups, especially PCC.II groups.
- 5.9. To identify CITELE spokespersons for those items on the WRC-15 agenda where there are IAPs.
- 5.10. To promote CITELE candidates to be considered as authorities of the CPM and WRC.
- 5.11. To promote coordinated work that includes all CITELE Member States during the Regional and World Radio Conferences.

6. INDICATORS

- 6.1 Proposals analyzed by the Group.
- 6.2 Draft IAPs.
- 6.3 IAPs achieved.
- 6.4 IAPs adopted at the World Conferences.
- 6.5 Member States participating in the meetings of the Working Group

7. ACTIVITIES

During the 2014-2018 period the activities to be carried out by the group will be those arising from proposals by the Administrations. The procedure for drawing up the IAPs is set forth in Resolution PCC.II/RES.90 (XXI-13).

B. Working Group on Terrestrial and Fixed and Mobile Radiocommunication Services

1. AUTHORITIES

Chair: RAPHAEL GARCIA DE SOUZA - BRAZIL
Vice-Chair: MARCO ANTONIO ESCALANTE – GUATEMALA
 RAFAEL SANCHEZ – REPUBLICA DOMINICANA

2. TERMS OF REFERENCE

- 2.1 To identify the current status of radio frequency use, particularly in Region 2, as well as to develop resolutions, recommendations and decisions for the harmonization of spectrum usage for terrestrial fixed and mobile radiocommunication services.
- 2.2 To follow the activities and studies being conducted at the ITU, particularly in the Radiocommunication and Telecommunication sectors, recognizing the complementary roles of the sectors, in order to develop positions on topics in Radiocommunication including standards that will be considered at the ITU Study Groups, as well as to analyze the results of World Radiocommunications Conferences (WRCs) in order to evaluate the need to take actions regarding specific issues.
- 2.3 To prepare guidelines regarding the use and sharing of radio frequency, including channeling and frequency arrangements.
- 2.4 To prepare studies, indicators and guidelines with the technical challenges regarding the use of the radio frequency spectrum, taking into account the guidelines established by Resolution 9 of the World Telecommunication Development Conference (Dubai, 2014).
- 2.5 To establish disclosure mechanisms so Member States can benefit from information related to new technologies and best practices in the telecommunication sector.
- 2.6 To provide guidance to support developing countries, especially landlocked countries, in improving their coordination of terrestrial fixed and mobile services in border region areas.

3. OBJECTIVES

3.1 To promote among Member States the coordination, planning, and harmonization of the radio spectrum and the introduction of new radiocommunication technologies and services related to fixed and mobile terrestrial systems.

3.2 Participation of the Administrations and Associate Members of CITELE in preparing resolutions, recommendations and decisions on matters involving Terrestrial Fixed and Mobile Radiocommunication Services in keeping with the Working Group's mandate.

4. STRATEGIC PRIORITY

To promote active participation of all Administrations and Associate Members of CITELE to support timely access to the radio spectrum for new technologies and applications in fixed and mobile services, bearing in mind existing radiocommunication services.

5. LINES OF ACTION

5.1 To encourage the participation and presentation of contributions of the Administrations and Associate Members at the PCC.II meetings that are organized.

5.2 To encourage the participation of the Administrations and Associate Members at the forums of the PCC.II that are established, to enrich and discuss matters involving the rational, appropriate and efficient use of, and timely access to, the radio spectrum.

5.3 To the extent that it is needed, to work together with other Working Groups within the PCC.II, using the mechanisms permitted by the PCC.II procedures, so that its results achieve general consensus.

5.4 To discuss broadly the matters assigned to the group so as to objectively include in its results the various contributions made during its activities.

6. INDICATORS

6.1 Contributions presented at the meetings of the Working Group..

6.2 Resolutions, recommendations, and decisions of the Working Group.

6.3 Member States participating in the meetings of the Working Group.

7. ACTIVITIES

The group's activities during the period shall be those arising from the proposals of the Administrations and the Associate Members. The topics shall vary in keeping with spectrum needs as a consequence of technological breakthroughs.

C. Working Group on Satellite Systems to Provide Fixed and Mobile Services

1. AUTHORITIES

Chair: FABIAN RAMIREZ - MEXICO
Vice-Chair: (To be determined) - PERU
Vice-Chair: (To be determined) - PARAGUAY

2. TERMS OF REFERENCE

- 2.1 To analyze the adoption of technologies that enable to meet the requirements of the Member States;
- 2.2 To provide information to the Member States of results obtained in the area of satellites by the World Radiocommunication Conferences, and to propose mechanisms that Member States can take to improve satellite coordination between the countries in the region, based on the provisions of the ITU's Radio Regulations;
- 2.3 To analyze the implementation of satellite systems by the CITELE Member Countries, taking into account, *inter alia*, the following points:
 - 2.3.1 use of the radio frequency spectrum;
 - 2.3.2 possible criteria for sharing frequency bands for the interoperability of satellite systems and other services;
 - 2.3.3 procedures for coordination in keeping with those of ITU-R;
 - 2.3.4 implementation of the Global Mobile Personal Communications by Satellite (GMPCS) Memorandum of Understanding and Arrangements;
- 2.4 To propose mechanisms to facilitate collaboration among Member States on the use of satellite spectrum, including the authorization of satellite operations in the region's countries.
- 2.5 To prepare studies, indicators and guidelines in technical challenges regarding the use of the radio frequency spectrum, taking into account Resolution 9 of the World Telecommunication Development Conference (Dubai, 2014).

3. OBJECTIVES

- 3.1 To maintain, broaden, and strengthen cooperation with CITELE Member States and the associate members of Permanent Consultative Committee II, to achieve the harmonious development of telecommunications by satellite in the region.

3.2 To build up the participation of Member States and associate members and cooperation ties with international and regional telecommunication organizations and other institutions related to the telecommunications by satellite sector.

3.3 To promote the use and introduction of new telecommunications by satellite applications and related technologies, taking into account the needs of each member country of CITELE.

4. STRATEGIC PRIORITY

To analyze the implementation of satellite systems by CITELE Member Countries enabling them to meet their needs considering existing regulations and those planned for the future.

5. LINES OF ACTION

5.1 To foster the presentation of contributions by Administrations and associate members aimed at consolidating and, to the extent possible, harmonizing the regulations or measures that facilitate the deployment of satellite systems.

5.2 To promote information mechanisms that serve as a reference or guide to CITELE member Administrations on regulations for satellite systems and related matters.

5.3 To encourage the participation of the Administrations and associate members at PCC.II forums in order to enrich and discuss matters related to the efficient use of the orbital spectrum resource and its applications.

5.4 To foster the participation of member Administrations and associate members at ITU, mainly at world conferences and technical meetings of ITU-R related to satellite systems, and to facilitate the results of the PCC.II.

6. INDICATORS

6.1 Contributions presented at the meetings of the Working Group.

6.2 Resolutions, recommendations, and decisions of the Working Group.

6.3 Member States participating in the meetings of the Working Group.

7. ACTIVITIES

The activities shall be carried out on the basis of the topics included or that can be included on the agenda of the Working Group.

D. Working Group on Broadcasting

1. AUTHORITIES

Chair: LARRY OLSON – UNITED STATES OF AMERICA

Vice Chair: (to be informed) BRAZIL

2. TERMS OF REFERENCE

- 2.1 To identify the status of radio frequency use, particularly in Region 2, and to develop resolutions and recommendations for harmonization of the use of the broadcasting spectrum;
- 2.2 To follow the activities being carried out and studies being conducted within the ITU, especially in the ITU-R and ITU-T Sectors, recognizing the complementary roles of said Sectors, in order to be able to develop views on broadcasting topics, including provisions for consideration in the ITU Study Groups and Working Parties;
- 2.3 To obtain and disseminate information regarding new transmission and access technologies in broadcasting services in Region 2;
- 2.4 To provide guidance to the Member States with respect to the transition to digital broadcasting.
- 2.5 To coordinate/collaborate with stakeholders to promote the introduction and use of advance digital broadcasting technologies.
- 2.6 To promote capacity building for the use and adoption of digital broadcasting technologies.
- 2.7 To identify strategies focused on the facilitation and deployment and development of digital broadcasting service with accessible conditions for the population.

3. OBJECTIVES

- 3.1 To promote the introduction of new technologies in broadcasting.
- 3.2 To promote among the Member States the coordination and harmonization of procedures, standards, and operational aspects related to broadcasting networks and services, in keeping with each country's socioeconomic, technological, and training needs.
- 3.3 To promote participation by the Administrations and Associate Members of CITELE in preparing resolutions, recommendations, and decisions pertaining to broadcasting-related matters, in accordance with the mandate of the Working Group.

4. STRATEGIC PRIORITY

- 4.1 To promote, inform, and assist Administrations at all stages of transitioning to digital broadcasting.
- 4.2 To promote active participation by Administrations of CITELE in this process.

5. LINES OF ACTION

- 5.1 To promote participation by Administrations and Associate Members in the meetings of PCC.II.
- 5.2 To promote the presentation of documents, reports, and other contributions by Administrations and Associate Members in the meetings of PCC.II.
- 5.3 To promote information exchange regarding matters of interest to the Working Group, meeting the needs of Administrations.

5.4 To invite the Administrations to inform PCC.II of the outcomes of international forums or events related to sector interests.

5.5 To urge the broadcasting industry to participate actively in the work of CITELE.

5.6 To make use of the services of experts to contribute to Sector research and development topics.

5.7 To interact with other CITELE working groups, especially those of PCC.II.

6. INDICATORS

6.1 Contributions presented at the meetings of the Working Group..

6.2 Resolutions, recommendations, and decisions of the Working Group.

6.3 Member States participating in the meetings of the Working Group.

7. ACTIVITIES

The activities to be carried out by the Group in the period are those emanating from proposals of Administrations and Associate Members. Topics will vary in keeping with needs of Administrations.

PCC.II/DEC. 171 (XXIV-14)6

**FINALIZATION OF THE PRELIMINARY DRAFT REVISION OF
RECOMMENDATION ITU-R M.1036-4**

The XXIV Meeting of Permanent Consultative Committee II: Radiocommunications,

DECIDES:

1. To instruct the Executive Secretary of CITELE to submit the attached contribution to rsg5@itu.int before the deadline of 16:00 hours UTC 8 October 2014.

⁶ CCP.II-RADIO/doc. 3699/14 rev. 1

Source: [Attachment 4.4](#) to [Doc. 5D/726](#)

Document 5D/???-E

1 October 2014

Received:

English only

SPECTRUM ASPECTS

CITEL⁷

SUPPORT FOR THE FINALIZATION OF DRAFT REVISION OF RECOMMENDATION ITU-R M.1036-4 – FREQUENCY ARRANGEMENTS FOR IMPLEMENTATION OF THE TERRESTRIAL COMPONENT OF INTERNATIONAL MOBILE TELECOMMUNICATIONS (IMT) IN THE BANDS IDENTIFIED FOR IMT IN THE RADIO REGULATIONS

1 Introduction

CITEL [Recommendation PCC.II/REC.43\(XXIII-14\)](#). “Use of the 1710-1780 / 2110-2180 MHz Bands in the Americas for Broadband Mobile Services” reflects the intentions of the countries in Region 2 to deploy IMT terrestrial systems in the 2 GHz band. In particular, Canada, Chile, Colombia, Mexico, Nicaragua, Paraguay, Peru, and United States, among others, have plans for implementing these frequencies in their countries in the near future.

This Recommendation notes that the bands 1770-1780 MHz paired with 2170-2180 MHz are a contiguous extension of the pairing 1710-1770 MHz with 2110-2170 MHz, which are covered by Arrangement B5 in [Recommendation ITU-R M.1036-4](#), 3GPP Band 10, and Arrangement 5 in [Recommendation PCC.II/REC. 8 \(IV-04\)](#). Recommendation PCC.II/REC.43 (XXIII-14) also recognizes that harmonizing these bands for the mobile service within Region 2 contributes to the success of IMT and mobile broadband deployments. It is noted that the frequency arrangement in [Recommendation PCC.II/REC.43\(XXIII-14\)](#) is included in the preliminary draft revision of Recommendation ITU-R M.1034-4, which appears in [Attachment 4.4](#) to [Doc. 5D/726](#), and it is important that the draft revision be finalized now.

2 Proposal

CITEL urges Working Party 5D to finalize the draft revision of Recommendation ITU-R M.1036-4 at its 20th meeting, 15-21 October 2014, and submit it to Study Group 5 for consideration for adoption.

Contact: Jose Costa

Status: For Action

⁷ This contribution was approved by CITEL PCC.II at its XXIV meeting from 29 September – 3 October 2014 in Ciudad de Mérida, Yucatán, México.

PCC.II/DEC. 172 (XXIV-14)⁸

REQUEST FOR INFORMATION ON THE USE OF THE BAND 2700-2900 MHZ IN THE AMERICAS

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

DECIDES:

1. To request the Secretariat of CITEL to distribute to the Member State Administrations the questionnaire annexed hereto in order to assess use of the band 2700-2900 MHz and parts thereof by the OAS/CITEL Administrations for Aeronautical Radionavigation service and terrestrial services.
2. To instruct the Rapporteur for this survey (Dr. Veena Rawat, vrawat@gsma.com) to provide the Secretariat of CITEL the support needed to implement *decides* 1.
3. To invite the OAS/CITEL Administrations to forward, before the XXV Meeting of PCC.II, their replies on the questionnaire to the Rapporteur for this survey (Dr. Veena Rawat, vrawat@gsma.com) with a copy to the Secretariat of CITEL PCC.II (citel@oas.org).

ANNEX TO DECISION PCC.II/DEC. 172 (XXIV-14)

REGIONAL SURVEY USE OF THE BAND 2700-2900 MHZ IN THE AMERICAS

Introduction

Information on the use of the band 2700-2900 MHz and parts thereof in the Americas is needed to assist in the consideration of this band under WRC-15 agenda item 1.1, which addresses the need for identifying spectrum for IMT and enabling spectrum harmonization for such use.

Context

The Radio Regulations (RR) allocates the band 2700-2900 MHz on a global basis to the aeronautical radionavigation and radiolocation service. FN 5.337 restricts use of the band for ground-based radars and their associated airborne transponders. FN 5.423 provides for the use of meteorological radars on an equal basis to aeronautical radionavigation radars. Both aeronautical radionavigation and meteorological radars are protected in accordance with RR No. **4.10**.

The ITU established the Joint Task Group (JTG) 4-5-6-7 to i) identify potential candidate bands to support mobile broadband applications, including IMT and ii) conduct work with respect to sharing studies between IMT and incumbent services/applications. In this respect, the range 2700-2900 MHz was identified as a potential candidate band for which sharing studies were performed. The analyses of the results for frequency bands studied are contained in the Draft CPM text for WRC-15 agenda item 1.1 (see [Annex 3 of Document 4-5-6-7/715](#)).

⁸ CCP.II-RADIO/doc. 3703/14

The information compiled from this Questionnaire will assist administrations in the development of their positions and proposals regarding a possible future allocation to the mobile service in this band, recognizing the need to protect existing and planned use by primary incumbent services in the band.

OAS/CITEL Administrations are kindly requested to provide, before the XXV Meeting of PCC.II, to the Rapporteur for this survey (Dr. Veena Rawat, vrawat@gsma.com) with a copy to the Secretariat of CITEL PCC.II (citel@oas.org), the following information:

Information on party surveyed:

Name of organization:	
Country:	
Party responsible for survey:	
E-mail address:	
Contact telephone:	

Questionnaire:

- 1- What is the current and planned use of the 2700-2900 MHz band for aeronautical, meteorological and other radar applications?
 - 2- What applications, other than radars, use the 2700-2900 MHz band, or parts thereof?
 - 3- Is there any information regarding adjacent band operations that would assist in the consideration of the 2700-2900 MHz band with respect to discussions under WRC-15 agenda item 1.1?
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V. LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session and First Plenary Session	CCP.II-RADIO/doc. 3696/14 rev.1
Summary Minutes of the Second Plenary Session	CCP.II-RADIO/doc. 3713/14 rev.1
Summary Minutes of the Third Plenary Session and Closing Session	CCP.II-RADIO/doc. 3714/14
Working Group on Preparation for Regional and World Radiocommunication Conferences	CCP.II-RADIO/doc. 3712/14
Working Group on Terrestrial Fixed and Mobile Radiocommunication Services	CCP.II-RADIO/doc. 3708/14 rev.1
Working Group on Satellite Systems to Provide Fixed and Mobile Services	CCP.II-RADIO/doc. 3705/14 rev.1
Working Group on Broadcasting	CCP.II-RADIO/doc. 3710/14 cor.1
List of Documents:	CCP.II-RADIO/doc. 3598/14 rev.3
List of Participants:	CCP.II-RADIO/doc. 3599/14 rev.2
Final Report for the Meeting:	CCP.II-RADIO/doc. 3716/14 rev.1 cor.1