

PCC.II / RES. 37 (VIII-06) ¹

PCC.II WORK PLAN FOR 2006-2010

The VIII Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting,

CONSIDERING:

- a) The Strategic Plan for 2006-2010 approved by the IV Assembly of CITEL, in Resolution CITEL RES. 52 (IV-06);
- b) The need to assess compliance with the CITEL Strategic Plan as requested in resolution COM/CITEL RES. 161 (XIII-03) "Addition of Performance Parameters or Indicators to CITEL Strategic Plans",

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 revoke PCC.II/DEC. 36 (V-05).
- 4. To submit this Resolution to the XVIII meeting of COM/CITEL.

ANNEX TO RESOLUTION PCC.II / RES. 37 (VIII-06)

Working Group on Preparation for Regional and World Communication Conferences ²

1. AUTHORITIES

Chair: Mr . Sergio Scarabino (Argentina)
Vice-Chair: Mr. Joao Carlos Fagundes Albernaz (Brazil)

| Working Sub-Group | Issues | Agenda Items | Coordinator | Alternate Coordinator |
|-------------------|--------------------------------------|--|---|--|
| WSG-1 | Terrestrial Services, incl. LF/MF/HF | 1.2, 1.3, 1.5, 1.6, 1.13, 1.14, 1.15, 1.16, 1.20 | Country: Uruguay Name: Mr. Hector Bude hbude@ursec.gub.uy | Country: United States of America Name: Ms. Shayla Taylor shaylat@teleregs.com |

¹ Document CCP.II-RADIO/doc. 1227/06

² Document CCP.II-RADIO/doc. 1232/06 rev.1

| Working Sub-Group | Issues | Agenda Items | Coordinator | Alternate Coordinator |
|-------------------|------------------------------|---|---|--|
| WSG-2 | SFS, SRS, HAPS and SMS | 1.7, 1.8, 1.9, 1.10, 1.11, 1.17, 1.18, 1.19, 1.21 | Country: Venezuela Name: Rubén Arenas rarenas@conatel.gov.ve | Country: Perú Name: Claudio Palomares cpalomares@mtc.gob.pe |
| WSG-3 | Regulatory and other Issues | 1.1, 1.2, 2, 3, 4, 5, 6, 7.1 | Country: United States of America Name: Julie Zoller jullie.zoller@itt.com | Country: República Dominicana Name: Javier García jgarcia@indotel.org.do |
| WSG-4 | Sharing 2.5 GHz and IMT-2000 | 1.4, 1.9 | Country: Guatemala Name: Marco Antonio Escalante hall@technologist.com | Country: Brazil Name: Luis Latorraca lfrancisco@anatel.gov.br |
| WSG-AD-HOC* | Future Conferences | 7.2 | | |

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.

2.4 To coordinate topics of mutual interest with other PCC.II Working Groups.

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 2006-2010 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 2006-2010.

4. STRATEGIC PRIORITY

To promote the active participation of all CITEL Administrations in presenting and negotiating the proposals mentioned in the Agenda items of Regional and World Radiocommunication Conferences to be held during the period 2006-2010.

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 process preparatory to Regional and World Radiocommunication Conferences to be held during the period 2006-2010.
- 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 CITEL 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 CITEL Working Groups, especially PCC.II groups.
- 5.9. To identify CITEL spokespersons for those items on the WRC-07 agenda where there are IAPs.
- 5.10. To promote CITEL candidates to be considered as authorities of the CPM and WRC.

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.

7. ACTIVITIES

During the 2006-2010 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.26 (VI-05).

Working Group on Terrestrial and Fixed and Mobile Radiocommunication Services³

1. AUTHORITIES

Chair: Mr. Francisco Soares (Brazil)
Vice-Chair: Mr. Marco Antonio Escalante Herrera (Guatemala)
Vice-Chair: Mr. Rafael Sánchez (Dominican Republic)

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 WRC-07 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 collect and provide technical information regarding new technologies and services to the Administrations of Region 2.

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 CITEL 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 the active participation of all the Administrations and Associate Members of CITEL 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

³ Document CCP.II-RADIO/doc. 1191/06 rev.2

- 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 Presentation by the Administrations of contributions in the form of proposals at the meetings that are held.
- 6.2 Meetings held to evaluate proposals submitted by the Administrations and Associate Members that make it possible to materialize resolutions, recommendations, and decisions.
- 6.3 Establishment of discussion groups on CITEL's online electronic forum that facilitate the exchange of opinions and which, by distance communication, make it possible to reach a consensus on proposals.
- 6.4 Documents sent to other Working Groups of PCC.II in order to supplement points of view that make it possible to achieve the general goals of PCC.II.

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. The table of some issues and identified activities that are to be addressed is provided below.

| PERIOD | | | | |
|---|--|---|---|---|
| 2006 | 2007 | 2008 | 2009 | 2010 |
| Review and discussion involving radio frequency identification devices. | Review and discussion relating to radiofrequency identification devices. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |

| | | | | |
|---|---|---|---|---|
| Update of recommendation on very low power devices. | Update of recommendation on very low power devices. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| RLAN on the 5 GHz band inside aircraft. | RLAN on the 5 GHz band inside aircraft. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| Broadband over power lines (BPL). | Broadband over power lines (BPL). | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| Re-location of the 700 MHz band . | Re-location of the 700 MHz band. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| BWA Systems. | BWA Systems. | BWA Systems. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| “ | Aspects of Broadband Mobility | Aspects of Broadband Mobility | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |

| | | | | |
|---|---|---|---|---|
| “ | Aspects of fixed mobile system convergence. | Aspects of fixed mobile system convergence. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| “ | Theory and application of cognitive or intelligent radio equipment. | Theory and application of cognitive or intelligent radio equipment. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| “ | Application of intelligent antennas and the technique known as MIMO (Multiple Input Multiple Output). | Application of intelligent antennas and the technique known as MIMO (Multiple Input Multiple Output). | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |
| “ | Studies on the theory and application of UWB radio equipment. | Studies on the theory and application of UWB radio equipment. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. | Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments. |

Working Group on Satellite Systems to Provide Fixed and Mobile Services ⁴

1. AUTHORITIES

Chair: Mr. Claudio Palomares Sartor (Perú)
Vice-Chair: Mr. Alonso Picazo (México)
Vice-Chair: Mr. Saúl Vásquez (El Salvador)

2. TERMS OF REFERENCE

2.1 To analyze the adoption of technologies that enable to meet the requirements of the Member States;

⁴ Document CCP.II-RADIO/doc. 1190/06 rev.2

2.2 To provide information to the Member States of results obtained in the area of satellites by the World Radiocommunication Conferences;

2.3 To analyze the implementation of satellite systems by the CITEL 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 information mechanisms for the CITEL Member Countries that, *inter alia*, cover:

2.4.1 technical standards;

2.4.2 regulatory framework;

2.4.3 interconnection criteria;

2.4.4 operation networks;

2.4.5 migration processes;

2.4.6 existing providers and technologies on the market;

2.4.7 unhindered circulation of GMPCS terminals across borders;

2.4.8 services transmitted through satellite systems.

3. OBJECTIVES

3.1 To maintain, broaden, and strengthen cooperation with CITEL 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 CITEL.

4. STRATEGIC PRIORITY

To analyze the implementation of satellite systems by CITEL 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 CITEL 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 Recommendations, resolutions, and decisions considering the work to be developed.

6.2 Sub Working Groups and ad hoc groups, taking into account the needs and objectives of the topic.

6.3 Methodologies and procedures adopted by PCC.II.

6.4 Electronic discussion forums and technical notebooks.

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.

The activities of this Working Group are presented below, with its respective programmed actions for the period 2007 to 2010.

| ACTIVITY | 2007 | 2008 | 2009 | 2010 |
|---|---|--|---|---|
| 1) General guidelines for granting licenses for global mobile personal communications by satellite (GMPCS) systems. | 1.1) Discussion of proposals on the topic. | 1.1) Discussion of proposals on the topic. | 1.1) Discussion of proposals on the topic. | 1.1) Discussion of proposals on the topic. |
| 2) Procedures to be used for the authorization of earth stations on board vessels (ESV). | 2.1) Establishment of a database on the procedures for the use of ESV. | 2.1) Update the technical and regulatory procedures on the basis of the results of future world radiocommunication conferences of ITU. 2.1) Develop possible recommendations that would improve the use of ESV, if necessary. | 2.1) Maintenance of the database and possible update. | 2.1) Update the technical and regulatory procedures on the basis of the results of future world radiocommunication conferences of ITU. 2.1) Maintenance of the database and possible update. |
| 3) Implementation of regulations that facilitate the deployment of satellite services. | 3.1) Update of the existing database as Administrations provide the corresponding information. | 3.1) Update of the existing database as Administrations provide the corresponding information. | 3.1) Update of the existing database as Administrations provide the corresponding information. | 3.1) Update of the existing database as Administrations provide the corresponding information. |
| 4) Harmful interferences of unauthorized transmissions on satellite networks. | 4.1) Offer courses on interferences through Regional Centers of CITEL to the technical and regulatory staff that oversees and operates terrestrial transmission stations. 4.2) Establish criteria between Administrations and satellite operators to deal with harmful unauthorized interferences. | 4.1) Establishment of a regional methodology to deal with harmful unauthorized interferences to be used by CITEL member Administrations. | 4.1) Continue joint work between satellite operators and Administrations on the topic. 4.2) Maintenance and update of the established methodology. | 4.1) Continue joint work between satellite operators and Administrations on the topic. 4.2) Maintenance and update of the established methodology |
| 5) Usage, operation, and applications of the C-band by CITEL member | 5.1) Review and discussion of the topic. | 5.1) Proposals for the drafting of resolutions and | 5.1) Proposals for the drafting of resolutions and | 5.1) Proposals for the drafting of resolutions and |

| | | | | |
|--|-------------------------|-------------------------|-------------------------|-------------------------|
| Administrations. | | recommendations. | recommendations. | recommendations. |
| 6) Existing data bases concerning satellite systems. | 6.1) Review and update. | 6.1) Review and update. | 6.1) Review and update. | 6.1) Review and update. |

Working Group on Broadcasting⁵

1. AUTHORITIES

Chair: Mr. Larry Olson (United States of America)
Vice Chair: Mr. Ara Apkarian Minassian (Brazil)
Vice Chair: Mr. Raúl Gómez Saénz (Peru)

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 (radio and television);

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 encourage the Region 2 Administrations to implement digital technologies related directly and indirectly to broadcasting services.

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 CITEL in preparing resolutions, recommendations, and decisions pertaining to broadcasting-related matters, in accordance with the mandate of the Working Group.

4. STRATEGIC PRIORITY

⁵ Document CCP.II-RADIO/doc. 1203/06 rev.1

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 CITEL 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 CITEL.

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

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

6. INDICATORS

6.1 Presentation of contributions.

6.2 Preparation and update of Implementation Guides for Digital Terrestrial Television and Digital Terrestrial Radio Broadcasting.

6.3 Discussion groups in CITEL's Electronic Forum.

6.4 Forwarding to and receipt of documents from other PCC.II working groups.

6.5 Holding of meetings to evaluate contributions and/or proposals.

6.6 Resolutions and recommendations proposed.

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.

Goals

| PERIOD | | | | | |
|---|-------|-------|-------|-------|-------|
| OUTPUT | 2006 | 2007 | 2008 | 2009 | 2010 |
| Proposals and/or contributions | 38 | 40 | 40 | 40 | 40 |
| DTT implementation guide (development/update) | (1/2) | (1/2) | (1/2) | (1/2) | (1/2) |
| DTR implementation guide (development/update) | (0/0) | (1/0) | (1/1) | (1/2) | (1/2) |
| Groups in the electronic forum | 1 | 2 | 2 | 2 | 2 |
| Meetings | 2 | 2 | 2 | 2 | 2 |
| Recommendations | 0 | 1 | 2 | 1 | 2 |
| Resolutions | 0 | 0 | 1 | 0 | 1 |