



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

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

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**XII MEETING OF PERMANENT CONSULTATIVE  
COMMITTEE I: TELECOMMUNICATIONS  
March 12 to 14, 2008  
Washington, DC, United States of America**

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**FINAL REPORT  
(Item on the Agenda: 7 )  
(Document submitted by the Drafting Group )**

## INDEX

<b>I.</b>	<b>AGENDA .....</b>	<b>3</b>
<b>II.</b>	<b>AUTHORITIES OF THE MEETING.....</b>	<b>3</b>
<b>III.</b>	<b>RESOLUTIONS .....</b>	<b>4</b>
	<b>PCC.II/RES. 46 (XI-08) .....</b>	<b>4</b>
	<i>SEMINAR ON ACTIVITIES RELATED TO THE FIXED-SATELLITE SERVICE IN THE COUNTRIES OF THE AMERICAS.....</i>	<i>4</i>
	<b>PCC.II/RES. 47 (XI-08) .....</b>	<b>6</b>
	<i>DESIGN AND IMPLEMENTATION OF TRAINING PROGRAMS FOR THE MANAGEMENT AND APPLICATION OF APPENDIX 30B OF THE ITU RADIO REGULATIONS BY THE MEMBER COUNTRIES OF CITEL .....</i>	<i>6</i>
	<b>PCC.II / RES. 48 (XI-08) .....</b>	<b>8</b>
	<i>PCC.II WORK PLAN FOR 2008-2010.....</i>	<i>8</i>
	<b>PCC.II/RES. 49 (XI-08) .....</b>	<b>24</b>
	<i>STRUCTURE OF THE WORKING GROUP FOR THE PREPARATION OF CITEL FOR REGIONAL AND WORLD RADIOCOMMUNICATION CONFERENCES, IN PREPARATION FOR WRC-11.....</i>	<i>24</i>
	<b>PCC.II/RES. 50 (XI-08) .....</b>	<b>26</b>
	<i>AGENDA, VENUE AND DATE FOR THE XII PCC.II MEETING .....</i>	<i>26</i>
<b>IV.</b>	<b>RECOMMENDATIONS .....</b>	<b>28</b>
	<b>PCC.II/REC. 23 (XI-08) .....</b>	<b>28</b>
	<i>REGISTRATION OF EARTH STATIONS OPERATING IN THE FIXED-SATELLITE SERVICE (SPACE-TO-EARTH) IN THE BAND 3 400-4 200 MHz.....</i>	<i>28</i>
<b>V.</b>	<b>DECISIONS .....</b>	<b>30</b>
<b>VI.</b>	<b>LIST OF BASIC DOCUMENTS .....</b>	<b>32</b>

## **FINAL REPORT**

### **XI MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS INCLUDING BROADCASTING (PCC.II)**

The XI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting was held in Washington DC, United States of America, April 22 to 25, 2008.

#### **I. AGENDA<sup>1</sup>**

1. Approval of the agenda and calendar.
2. Appointment of the Drafting Group for the Final Report.
3. Working methods of PCC.II.
4. Meeting and report of the Chairs of the Working Groups on:
  - 4.1 Working Group for the Preparation for Regional and World Radiocommunication Conferences.
  - 4.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.
  - 4.3 Working Group relative to Satellite Systems to Provide Fixed and Mobile Services.
  - 4.4 Working Group on Broadcasting.
  - 4.5 Rapporteur Group on the Technical and Regulatory Aspects Related to the Effects of Electromagnetic Non-ionizing Emissions.
5. Agenda, Venue and Date of the XII Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the XI Meeting.

#### **II. AUTHORITIES OF THE MEETING**

**Alternate Chair:** Mr. Mikhail Marsiglia (Venezuela)

**Alternate Vice-Chair:** Mr. Héctor Budé (Uruguay)

**Executive Secretary:** Mr. Clovis Baptista (OAS)

##### **Drafting Group:**

**Chair:** Mr. Jean Pyert Oropeza (Venezuela)

**Members:**  
Mr. Francisco Arbelo (Venezuela)  
Mr. Gustavo Lozada (Venezuela)

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<sup>1</sup> CCP.II-RADIO/doc. 1566/08 rev.1 cor.1

### **III. RESOLUTIONS**

#### **PCC.II/RES. 46 (XI-08)<sup>2</sup>**

#### **SEMINAR ON ACTIVITIES RELATED TO THE FIXED-SATELLITE SERVICE IN THE COUNTRIES OF THE AMERICAS**

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

#### **CONSIDERING:**

- a) That World Radiocommunication Conference (WRC-07) made significant changes in the Radio Regulations that affect the implementation of Fixed Satellite Service (FSS) networks;
- b) That these changes are already being implemented in accordance with the Office of Radiocommunications (BR) of the International Telecommunication Union (ITU) circular Letter CR/280;
- c) That there is extensive use of FSS satellite networks in the Americas;
- d) That FSS networks are being implemented in the C-band, Ku-band, and Ka-band FSS allocations in the Americas and worldwide;
- e) That satellite networks operating in the Mobile Satellite Service also use FSS spectrum for essential communications in the Americas, including feeder links;
- f) That methods and regulations exist and are being developed to ensure the compatibility of FSS systems and terrestrial systems in shared bands;
- g) That additional issues that are relevant to the Fixed Satellite Service merit discussion amongst Region 2 stakeholders, such as, for example, the WRC-07 amendments to ITU Radio Regulations Article 9 and 11, streamlining actions for the Appendix 30B process, regulatory approaches to FSS earth stations used on vessels and on land while in motion, among other developments,

#### **RECOGNIZING:**

- a) The usefulness of seminars as an effective mechanism to focus the attention on important current topics and raise the level of understanding on them;
- b) That Administrations and other organizations are seeking information on how to best implement the results of WRC-07 and establish compatibility between the FSS and other services;
- c) That it is advantageous to share information on current FSS issues and developments among CITEL's Member States, Associate Members and Observers of CITEL;

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<sup>2</sup> CCP.II-RADIO/doc. 1600/08 rev.2

d) That the information presented in CITEL seminars constitute an important background and reference for other International and Regional Organizations,

**RESOLVES:**

1. To organize a Seminar on “Activities related to the Fixed Satellite Service in the countries of the Americas” particularly as regards regulatory methods for use of the geostationary orbit and the compatibility of satellite earth stations with terrestrial services be organized one day before the XII CITEL PCC.II Meeting.
2. To hold the Seminar pursuant to Resolution PCC.III/RES.86 (XII-99), entitled “Procedures for the Organization of Seminars,” noting in particular that the Seminar would be held at no cost to CITEL.
3. To urge CITEL Administrations to participate and exchange experiences so as to ensure the success of said Seminar.
4. To invite experts on the use of the FSS and its regulation to take part in making presentations at the Seminar and to invite all participants of the Seminar to exchange information on their experiences with the issues discussed.
5. To request the CITEL Member States and Associate Members of PCC.II to share information on the FSS and its regulation.
6. To set a maximum duration of one day for this Seminar.
7. To appoint Mr. Don Jansky from the Administration of United States (as the coordinator of the Seminar (e-mail: [don@jansky-barmat.com](mailto:don@jansky-barmat.com), tel: +1 202 467 6400).
8. To request CITEL Member States, PCC.II Associate Members, and Observers of CITEL interested in participating in the Seminar to contact the coordinator of the Seminar.

**TO INSTRUCT THE CITEL SECRETARIAT:**

To send this Resolution to Member States, requesting them to inform the coordinator of the Seminar, two months before the date of the XII Meeting of PCC.II, of the items that they would like to see included in such event.

**DESIGN AND IMPLEMENTATION OF TRAINING PROGRAMS FOR THE MANAGEMENT AND APPLICATION OF APPENDIX 30B OF THE ITU RADIO REGULATIONS BY THE MEMBER COUNTRIES OF CITEL**

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

**CONSIDERING:**

a) That subparagraph 2 of Article 44 of the Constitution of the International Telecommunication Union (ITU) provides for the following:

“In using frequency bands for radio services, Members shall bear in mind that radio frequencies and any associated orbits, including the geostationary-satellite orbit, are limited natural resources and that they must be used rationally, efficiently and economically, in conformity with the provisions of the Radio Regulations, so that countries or groups of countries may have equitable access to those orbits and frequencies, taking into account the special needs of the developing countries and the geographical situation of particular countries;”

b) That Appendix 30B of the Radio Regulations sets forth its objective of guaranteeing in practice the equitable access of all countries to the geostationary-satellite orbit in the fixed-satellite service frequency bands dealt with in the Radio Regulations;

c) That the World Radiocommunication Conference 2007 (WRC-07) made the relevant changes to Appendix 30B of the International Telecommunication Union (ITU) Radio Regulations on the basis of the principle that the assignment plan must follow, including an orbital position for each country, except for those countries that, at the CAMR-ORB-88, were allocated more than one orbital position, associated with 800 MHz in the bands of 6–4 GHz and 13/10–11 GHz;

d) That, at the WRC-07, new technical parameters, sharing parameters and associated methods of calculation were incorporated into the Annexes of Appendix 30B of the ITU Radio Regulations;

e) That the WRC-07 adopted the use of new procedures that make it possible to speed up the process of examining the notifications by the Radiocommunication Bureau in Appendix 30B of the ITU Radio Regulations;

f) That WRC-07 decided that the principle of guaranteed access to spectrum resources must be upheld for all Members of the Union;

g) That the CITEL Administrations must be apprised of the advantages stemming from the changes made at the WRC-07 to the procedures of Appendix 30B of the ITU Radio Regulations,

**RECOGNIZING:**

a) That it is in the interest of the Administrations to have at their disposal all the resources, knowledge, and tools that will enable them to achieve equitable access to the orbit/spectrum resource;

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<sup>3</sup> CCP.II-RADIO/doc. 1613/08 rev.3

b) That most CITEL Member Administrations have not applied or put into practice the wide-ranging regulatory framework of Appendix 30B of the ITU Radio Regulations, either for lack of interest or resources or knowledge;

c) That it is necessary to facilitate access of CITEL Member Administrations to know-how and experiences that would enable them to handle the procedures of Appendix 30B of the ITU Radio Regulations,

**RESOLVES:**

1. To design training mechanisms and programs that would make it possible to learn about, study, and apply Appendix 30B of the ITU Radio Regulations by CITEL Member Administrations, as well as to highlight their importance as an instrument that guarantees equitable access of all ITU Member States to orbit/spectrum resources associated with the frequency bands governed by it.

2. To aim these training mechanisms and programs mainly at the authorities and other officials in charge of telecommunication sector policies and regulations in the CITEL member countries.

3. To develop, on-line, these training mechanisms and programs once adopted in the framework of PCC.II through the various training platforms that exist in the Americas.

4. To use the ITU's platform for distance training, requesting support from the Radiocommunications Bureau and from the experts of the region, for the ultimate purpose of building up the capacity to generate knowledge and experiences about the technical and regulatory standards of Appendix 30B of the ITU Radio Regulations, with respect to the bands planned for fixed-satellite services.

5. To include permanently on the agenda of the Working Group Relative to Satellite Systems to Provide Fixed and Mobile Services an item to deal continuously with the technical and regulatory issues of Appendix 30B of the Radio Regulations of ITU, for the purpose of promoting, within the CITEL Administrations, interest in the study, evaluation, and feasibility of the application of their standards;

6. To create a permanent discussion group in the electronic forum of CITEL regarding Appendix 30B of the ITU Radio Regulations coordinated by Mr. Jesús Rivera of the Administration of Venezuela, that enables a constant exchange of information and concerns among CITEL Member Administrations with respect to this topic.

**INSTRUCTS THE SECRETARIAT OF CITEL:**

To request the support of the ITU in order to comply with the resolves.

**PCC.II/RES. 48 (XI-08) <sup>4</sup>**

**PCC.II WORK PLAN FOR 2008-2010**

The XI 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.
- 2. To assess the results of and revise these work plans annually.
- 3. To revoke PCC.II/RES. 37 (VIII-06).

**ANNEX TO RESOLUTION PCC.II/RES. 48 (XI-08)**

**WORKING GROUP ON PREPARATION FOR REGIONAL AND WORLD COMMUNICATION CONFERENCES <sup>5</sup>**

**1. AUTHORITIES**

Chair: Brazil  
Vice-Chair: United States of America, Uruguay

Working Sub-Group	Issues	Agenda Items
SGT-1	MARITIME, AERONAUTICAL, AND RADIOLOCATION ISSUES	1.3, 1.4, 1.9, 1.10, 1.14, 1.15, 1.21
SGT-2	FIXED, MOBILE, BROADCASTING AND AMATEUR ISSUES	1.5, 1.8, 1.13, 1.17, 1.20, 1.23

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<sup>4</sup> CCP.II-RADIO/doc. 1662/08

<sup>5</sup> CCP.II-RADIO/doc. 1668/08 rev.2



<b>Working Sub-Group</b>	<b>Issues</b>	<b>Agenda Items</b>
SGT-3	SCIENCE AND SATELLITE ISSUES	1.6, 1.7, 1.11, 1.12, 1.16, 1.18, 1.24, 1.25, 7
SGT-4	FUTURE WORK PROGRAMME AND OTHER ISSUES	1.1, 1.2, 1.19, 1.22, 2, 4, 8.1, 8.2

## **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 2008-2011 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 2008-2011.

## **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 2008-2011.

## **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 2008-2011.

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 CITEI 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 CITEI Working Groups, especially PCC.II groups.

5.9. To identify CITEI spokespersons for those items on the WRC-11 agenda where there are IAPs.

5.10. To promote CITEI candidates to be considered as authorities of the Conference Preparatory Meeting (CPM) and WRC.

## **6. INDICATORS**

6.1 Contributions.

6.2 Draft IAPs.

6.3 IAPs achieved.

6.4 IAPs adopted at the World Radiocommunication Conferences.

## **7. ACTIVITIES**

During the 2008-2011 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 the appropriate CITEI Resolution.

# **WORKING GROUP ON TERRESTRIAL AND FIXED AND MOBILE RADIOCOMMUNICATION SERVICES**

## **1. AUTHORITIES**

Chair: Brazil

Vice-Chair: Guatemala, 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 decision 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 Standardization 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 Working Groups as well as to analyze the results of the WRCs in order to evaluate the need to take action regarding specific issues.

2.3 To prepare Recommendations regarding the use and sharing of radio frequency, including channeling 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 between Member States the coordination, planning and harmonization of the radio spectrum and introduction of new radiocommunication technologies and services related to terrestrial fixed and mobile systems.

3.2 To promote the active participation of all CITEL Administrations and Associate Members in preparing Resolutions, Recommendations and Decisions on issues that are part of the Terrestrial Fixed and Mobile Radiocommunication Services, all within the mandate of the Working Group.

### **4. STRATEGIC PRIORITY**

To promote the active participation of all CITEL Administrations and Associates in supporting the timely access to the radio spectrum for new applications and technologies on fixed and mobile services, taking into account the currently existing radiocommunication services.

### **5. LINES OF ACTION**

5.1 To encourage the participation and submittal of contributions by the Administrations and Associate Members at the meetings of the PCC.II.

5.2 To foster the participation of the Administrations and Associate Members at the PCC.II fora that might be created, to enrich and discuss matters related to issues on the rational, adequate and efficient use of the radio spectrum and its timely access.

5.3 To the extent necessary, working jointly with other Working Groups within PCC.II, using mechanism allowed by PCC.II procedures for its results to reach general consensus.

5.4 Broadly, to deal with issues appointed to the group to objectively include in its results the various contributions made during its activities.

## 6. INDICATORS

6.1 Proposals submitted by the Administrations, on the issues discussed by the group and contributions in the meetings that might be held.

6.2 Meetings held to evaluate the proposals submitted by the Administrations and Associate Members which make it possible to materialize Resolutions, Recommendations and Decisions.

6.3 Creation of discussion groups over the CITELElectronic forum, to facilitate the exchange of opinions and to make it possible, through distance communication, to reach an agreement on the proposals.

6.4 Documents sent to other PCC.II Working Groups in order to be able complement the points of view that make it possible to achieve the general goals of the PCC.II.

## 7. ACTIVITIES

The activities of the group during this period shall be those assigned to it on its mandate and, those that arise as a result of the proposals made by the Administrations and the Associate Members. The issues shall vary as a consequence of technological advances and the needs to use the radio spectrum.

Following is attached hereto as reference; the table shows information on some of the issues and activities identified that will be included or that might be subject to analysis by the group during the period encompassed by this plan.

### MAIN TOPICS IDENTIFIED

YEAR				
2006	2007	2008	2009	2010
Review and discussion involving radio frequency identification devices.	Review and discussion involving radio frequency identification devices.	Review and discussion involving radio frequency identification devices.	Review and discussion involving radio frequency identification devices.	Review and discussion involving radio frequency identification devices.
Update of Recommendation on radiocommunication low power devices by PCC.II.	Update of Recommendation on radiocommunication low power devices by PCC.II.	Update of Recommendation on radiocommunication low power devices by PCC.II.	Update of Recommendation on radiocommunication low power devices by PCC.II.	Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments.
RLAN on the 5 GHz band inside aircrafts.	RLAN on the 5 GHz band inside aircrafts.	Spectrum needs for the functioning of unmanned aircraft systems (UAS).	Spectrum needs for the functioning of unmanned aircraft systems (UAS).	Spectrum needs for the functioning of unmanned aircraft systems (UAS).
Broadband over power lines (BPL).	Broadband over power lines (BPL).	Broadband over power lines (BPL).	Broadband over power lines (BPL).	Analysis, review, discussion of preceding or new issues arising as a consequence of

YEAR				
2006	2007	2008	2009	2010
				technological developments.
Re-location of the 700 MHz band.	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.
Broadband Wireless Access (BWA) Systems.	Broadband Wireless Access (BWA) Systems.	Broadband Wireless Access (BWA) Systems.	Broadband Wireless Access (BWA) Systems.	Analysis, review, discussion of preceding or new issues arising as a consequence of technological developments.
-	Aspects of Broadband Mobility.	Aspects of Broadband Mobility.	Aspects of Broadband Mobility.	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.	Aspects of fixed mobile system convergence.	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.	Theory and application of cognitive or intelligent radio equipment.	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).	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.
-	Studies on the theory and application of UWB radio equipment.	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.
-	-	Attributions to the radiolocalization	Attributions to the radiolocalization	Attributions to the radiolocalization

YEAR				
2006	2007	2008	2009	2010
		service.	service.	service.
-	-	Introduction of new systems to the aeronautical mobile service (R) SMA(R).	Introduction of new systems to the aeronautical mobile service (R) SMA(R).	Introduction of new systems to the aeronautical mobile service (R) SMA(R).
-	-	Use of bands identified for IMT in Region 2.	Use of bands identified for IMT in Region 2.	Use of bands identified for IMT in Region 2.
-	-	Available frequencies for emergency situations.	Available frequencies for emergency situations.	Available frequencies for emergency situations.

## WORKING GROUP ON SATELLITE SYSTEMS TO PROVIDE FIXED AND MOBILE SERVICES

### 1. AUTHORITIES

Chair: Peru  
Vice-Chair: El Salvador, Mexico

### 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;

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 PCC/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 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 systems (GMPCS).	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 the studies of the ITU-R.  2.2 Develop possible Recommendations that would improve the use of ESV, if necessary.	2.1 Update the technical and regulatory procedures on the basis of the results of the studies of the ITU-R.  2.2 Develop possible Recommendations that would improve the use of ESV, if necessary.  2.3 Maintenance of the database and possible update.	2.1 Update the technical and regulatory procedures on the basis of the results of the studies of the ITU-R.  2.2 Develop possible Recommendations that would improve the use of ESV, if necessary.  2.3 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.



ACTIVITY	2007	2008	2009	2010
		3.2 Develop possible Recommendations that would facilitate the deployment of satellite services.	3.2 Develop possible Recommendations that would facilitate the deployment of satellite services.	3.2 Develop possible Recommendations that would facilitate the deployment of satellite services.
4. Harmful interferences of unauthorized transmissions on satellite networks.	4.1 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.  4.2 Offer courses on interferences through Regional Centers of CITEL to the technical and regulatory staff that oversees and operates terrestrial transmission stations.	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 Administrations.	5.1 Review and discussion of the topic.	5.1 Proposals for the drafting of Resolutions and Recommendations.	5.1 Proposals for the drafting of Resolutions and Recommendations.	5.1 Proposals for the drafting of Resolutions and 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.
7. Technical and regulatory issues of Appendix 30B (AP30B).		7.1 Establish the necessary strategies and coordination for the CITEL Administrations to design and implement training programs on the application of AP30B of the ITU Radio Regulations.	7.1 Coordinating the organization of training courses on the application of the AP30B, especially for authorities and official in charge of the policies and regulations of the telecommunication sector of the CITEL Member States.  7.2 Submittal of information contributions on the application of	7.1 Coordinating the organization of training courses on the application of the AP30B, especially for authorities and official in charge of the policies and regulations of the telecommunication sector of the CITEL Member States.  7.2 Submittal of information contributions on the application of

ACTIVITY	2007	2008	2009	2010
			the AP30B and on its progress to the relevant Study Groups at the ITU-R.	the AP30B and on its progress to the relevant Study Groups at the ITU-R.

### Work plan to address interference harmful to satellite systems in the region

APPROVED ACTIVITY	PROPOSED ACTIONS TO BE CARRIED OUT
<b>1 Updated registry of earth stations.</b> Each Administration requires an up to date registry of all the transmitting earth stations that operate within its national territory, including all relevant information such as geographical coordinates, address, antennas, satellites to which they transmit operational frequencies, etc.	<ul style="list-style-type: none"> <li>1.1 Encourage Administrations to have this Register.</li> <li>1.2 Promote the updating of the Register.</li> <li>1.3 Promote the public availability of the Register.</li> <li>1.4 Propose an appropriate Register format for Administrations that do not have one.</li> <li>1.5 Promote to create a earth station data base for the control of the Administrations.</li> <li>1.6 In the case of earth stations subject to block or generic licensing, encourage CITEL Administrations to maintain a register themselves or via their licensed operators.</li> </ul>
<b>2 Training of the technical staff and staff that regulates, supervises or operates of transmitting earth stations.</b> It is essential that the operational staff of the earth stations receive training to operate the equipment, which must be recognized by the Administration.	<ul style="list-style-type: none"> <li>2.1. Design curricula for seminars or courses.</li> <li>2.2. Select among the available courses of satellite operator members of PCC.II.</li> <li>2.3. Offer them through the CITEL's Regional Training Centers.</li> <li>2.4. Promote the dissemination of such courses.</li> </ul>
<b>3. Dissemination of examples of best practices for eliminating unauthorized transmissions, including the actions that have been applied.</b> It is suggested that a dissemination system be established among CITEL Administrations in order to discourage attempts to transmit without authorization..	<ul style="list-style-type: none"> <li>3.1 Create a space in CITEL's website to disseminate this information.</li> <li>3.2 Encourage CITEL Administrations to consider input from Satellite Users Interference Reduction Group (SUIRG), and take appropriate actions to remedy interference problems.</li> </ul>
<b>4. Verification of transmissions.</b> It may be necessary that the relevant CITEL Administrations carry out verifications of transmissions without advance warning, in order to ensure that earth stations within their territories are transmitting according to the frequency assignment plan.	<ul style="list-style-type: none"> <li>4.1 Encourage CITEL Administrations to develop monitoring mechanism, including methods and tools needed to carry out this action when required..</li> <li>4.2 Invite participation by satellite operators in this process.</li> </ul>
<b>5. Characterize cases of unauthorized</b>	5.1 Development of a glossary of concepts and definitions

<b>APPROVED ACTIVITY</b>	<b>PROPOSED ACTIONS TO BE CARRIED OUT</b>
<b>transmissions that may occur.</b> It is necessary to define what would be considered as an unauthorized transmission. Basically, the suggestion is apply this definition to any transmission occurring outside the authorized frequencies; however, it should also be noted that accidental transmissions may occur due to human error or equipment failure, or intentional transmissions.	agreed among the countries of CITEL.
<b>6. Unify criteria at the regional level.</b> Apply the same criteria within the CITEL Administrations to characterize unauthorized transmissions.	6.1 Development of a glossary of concepts and definitions agreed among the countries of CITEL.
<b>7. Establish working procedures with the satellite operators involved.</b> It is essential that satellite operators work in coordination with the corresponding Administration of each country, given that they cannot take action on their own account to resolve cases of harmful interference and that such a search may entail risks.	7.1 Development of a method for participation by satellite operators, Administrations, and users in efforts made in coordination with entities involved in the interference detection and elimination process.  7.2 Method should also include quantification of costs and damages caused by interference, and sanctions therefore.

## **WORKING GROUP ON BROADCASTING**

### **1. AUTHORITIES**

Chair: United States of America  
Vice Chair: Brazil, 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 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 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

OUTPUT	2006	2007	2008	2009	2010
Proposals and/or contributions	38	40	40	40	40
Digital Terrestrial Television (DTT) Broadcasting implementation guide (development/update)	(1/2)	(1/2)	(1/2)	(1/2)	(1/2)
Digital Terrestrial Radio (DTR) Broadcasting 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

## RAPPORTEUR GROUP ON THE TECHNICAL AND REGULATORY ASPECTS RELATED TO THE EFFECTS OF ELECTROMAGNETIC NON-IONIZING EMISSIONS.

### 1. AUTHORITIES

Rapporteur: Argentina  
 Alternate Rapporteur: Brazil, Peru

### 2. TERMS OF REFERENCE

2.1 To compile the available information and regulations of the following organizations with respect to the effects of non-ionizing radiation and the established technical standards:

- 2.1.1 WHO (World Health Organization);
- 2.1.2 PAHO (Pan American Health Organization);

- 2.1.3 ITU (International Telecommunication Union);
  - 2.1.4 ICNIRP (International Commission on Non-Ionizing Radiation Protection);
  - 2.1.5 MMF (Mobile Manufacturers Forum);
  - 2.1.6 IEEE (Institute of Electrical and Electronics Engineers);
  - 2.1.7 IEC (International Electrotechnical Commission);
- 2.2 To do a compilation of the regulations in force on electromagnetic radiation in the various Administrations of the Region and other Regions.
- 2.3 To consider the AHCET Study on legislative rules and Control Procedures on radio electric emissions in Latin America, in view of the significant data contained therein.
- 2.4 To identify additional sources of information and submit them to the consideration of PCC.II at the IV Meeting of PCC.II.
- 2.5 To post the final report in the CITEL Webpage.

### **3. OBJECTIVES**

- 3.1 To spread the information on non-ionizing radiations, the technical and regulatory aspects in the Americas Region, to: facilitate the scientific knowledge on the matter, disseminate the regional and world standards on the matter, facilitate the deployment of wireless network while protecting health and respecting the environment.
- 3.2 To be at the disposal of those Administrations that require: cooperation for the development of their corresponding standards and/or dissemination of scientific information through meetings and seminars.

### **4. STRATEGIC PRIORITY**

- 4.1 Promote and study the technical assistance related to non-ionizing radiations, under the agreements entered into by and between the corresponding countries, on the adequate standards for protecting health and respecting the environment, facilitating the deployment of radioelectric networks and taking into account that wireless technologies are among the media that facilitate universal access to the Information and Communication Technologies (ICTs) and are a fundamental tool for bridging the digital divide.
- 4.2 Develop reference guidelines to assist Member States in achieving their goals and taking on studies to allow the orderly development of telecommunication networks by exchanging experiences, information and knowledge between the governments and the private sector, while maintaining ongoing communications with the various international agencies, and requesting the cooperation of world or regional governmental organizations.

### **5. LINES OF ACTION**

5.1 To call for the participation and submittal of contributions by the Administrations and Associate Members at the meetings of the PCC.II.

5.2 In conjunction with the Chair of PCC.II and the Secretariat, to make the necessary contact with Regional Organizations and Specialized Organizations in order to continue the compilation and the permanent updating of the information on the works carried out and presented on the “CD RNI” and “DVD RNI” through CITELE’s website and help its dissemination.

5.3 To foster the participation of the Administrations and Associate Members at the PCC.II fora that might be created, to enrich and discuss matters related to standards dealing with non-ionizing radiations and their control to preserve health and the environment.

5.4 To remain available to those Administrations that require its collaboration to develop their respective regulations.

5.5 To take part in national, regional and international seminars related to non-ionizing radiations submitting the works carried out by CITELE in the matter.

5.6 To study the systems to control non-ionizing radiations at a world level.

5.7 To discuss broadly on the matters appointed to the group so as to objectively include in their results the various contributions made during their activities.

## **6. INDICATORS**

6.1 Distribution of the DVD, which includes the works carried out, and its posting on the Web site. (2008: XI Meeting of the PCC.II.)

6.2 Taking part in at least one annual dissemination seminar. (2008: seminars of the ICNIRP, ITU Centre of Excellence.)

6.3 Assessment on control systems on non-ionizing radiations. (2008 and 2009: XII, XIII and XIV Meeting of the PCC.II.)

6.4 Report (CD): Non-ionizing radiations monitoring systems. (2008: Presentation of the CD, XII Meeting of the PCC.II, 2009.)

6.5 Dissemination of the works carried out CD Monitoring (2009 to 2010: until XV Meeting of the PCC.II).

6.6 Summary of the standards reached and worked carried out (2010: XVI meeting of the PCC.II).

6.7 Recommendations to the Administrations on monitoring and control. (2009 to 2010: XIII and XV Meeting of the PCC.II.)

## **7. ACTIVITIES**

The activities to be performed by the group during the period are those that arise from the proposals issued by the Administrations and the Associate Members. The subjects shall vary according to the needs of the Administrations. The following activities are of high importance:

1. Distribution of the DVD: Technical and Regulatory Aspects Related to Non-Ionizing Radiations
2. Taking part in Seminars/Workshops of ICNIRP
3. Taking part in ITU Seminars.
4. Assessment on non-ionizing radiations monitoring systems at a world level.
5. Study on the visual impact and its impact on the population's feeling of concern about non-ionizing radiations.
6. CD on non-ionizing radiations monitoring
7. Recommendations to the Administrations on monitoring.

**PCC.II/RES. 49 (XI-08) <sup>6</sup>**

**STRUCTURE OF THE WORKING GROUP FOR THE PREPARATION OF CITEL FOR  
REGIONAL AND WORLD RADIOCOMMUNICATION CONFERENCES, IN PREPARATION  
FOR WRC-11**

The XI Meeting of Permanent Consultative Committee II: Radiocommunications including Broadcasting,  
**HAVING EXAMINED:**

The work structure used during the preparations for World Radiocommunication Conference 2011 (WRC-11), as well as the contributions of the Administrations to said meeting,

**RESOLVES:**

To use the structure and assign the functions set forth in the Annex for the implementation of the activities of the Group.

**ANNEX TO RESOLUTION PCC.II/RES. 49 (XI-08)**

**STRUCTURE OF THE WORKING GROUP FOR THE PREPARATION OF CITEL FOR WRC-  
11**

**1. Functions of coordinators and rapporteurs**

Preparations for WRC-11 will be made in accordance with CITEL procedure for preparing and adopting inter-American proposals for submission to a World Radiocommunication Conference.

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<sup>6</sup> CCP.II-RADIO/doc. 1663/08 rev.1



A Coordinator for each Sub Working Group, and Rapporteurs for each item or group of items on the agenda for WRC-11, will be designated, each with his or her respective alternate.

They will have the following functions:

- a) Coordinator of the Sub Working Group:
  - To chair and coordinate the activities of the Sub Working Group.
  - To attend all meetings of the Working Group for the Preparation of CITEL for WRC-11.
  - To submit to the Working Group for the Preparation of CITEL for WRC-11 a brief summary of the activities of the Sub Working Group, reflecting the contributions presented and the status of the work.
  - To consult with the Alternate Coordinator of the Sub Working Group.
- b) Alternate Coordinator of the Sub Working Group:
  - To assist actively with the work of the Coordinator of the Sub Working Group.
  - To assume the responsibilities of the Coordinator of the Sub Working Group, if necessary.
- c) Rapporteur:
  - To chair and coordinate the activities of the Rapporteur Group.
  - To attend all meetings of the Working Group for the Preparation of CITEL for WRC-11.
  - To provide the Coordinator of the Sub Working Group with a summary of the activities and outputs and outcomes of the Rapporteur Group.
  - To consult with the Alternate Rapporteur.
- d) Alternate Rapporteur:
  - To assist actively with the work of the Rapporteur.
  - To assume the responsibilities of the Rapporteur, if necessary.

## 2. Structure of the Working Group for the Preparation of CITEL for WRC-11

<b>Sub Working Group</b>	<b>Issues</b>	<b>Agenda items</b>
SGT-1	Maritime, Aeronautical, and Radiolocation	1.3, 1.4, 1.9, 1.10, 1.14, 1.15, 1.21
SGT-2	Fixed, Mobile, Broadcasting and Amateur	1.5, 1.8, 1.13, 1.17, 1.20, 1.23
SGT-3	Science and Satellite	1.6, 1.7, 1.11, 1.12, 1.16, 1.18, 1.24, 1.25, 7
SGT-4	Future work program and other	1.1, 1.2, 1.19, 1.22, 2, 4, 8.1, 8.2

**PCC.II/RES. 50 (XI-08) <sup>7</sup>**

**AGENDA, VENUE AND DATE FOR THE XII PCC.II MEETING**

The XI Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting.

**RESOLVES:**

1. To hold the XII Meeting of PCC.II from September 16 to 19, 2008 in venue to be determined.
2. To approve the draft agenda for the XII Meeting, that is attached as an Annex.

**ANNEX TO RESOLUTION PCC.II/RES. 50 (XI-08)**

1. Approval of the agenda and calendar.
2. Appointment of the Drafting Group for the Final Report.
3. Working methods of PCC.II.
4. Meeting of the Chairs of the Working Groups on:
  - [4.1 Working Group on Preparation for Regional and World Radiocommunication Conferences.](#)
  - [4.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.](#)
  - [4.3 Working Group on Satellite Systems to Provide Fixed and Mobile Services.](#)
  - [4.4 Working Group on Broadcasting.](#)
  - [4.5 Rapporteur Group on the Technical and Regulatory Aspects Related to the Effects of Electromagnetic Non-ionizing Emissions.](#)
5. Agenda, Venue and Date of the XIII Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the XII Meeting.

**DRAFT AGENDAS OF WORKING GROUPS**

- 4.1 Draft Agenda of the Working Group on the preparation of CITEL for Regional and World Radiocommunication Conferences**

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<sup>7</sup> CCP.II-RADIO/doc. 1661/08

1. Presentation and approval of the agenda.
2. Assignment and consideration of documents.
3. Working methods:
  - 3.1 Revision of Resolution PCC.II/RES. 26 (VI-05).
  - 3.2 Proposed timeline for WRC-11 Preparation.
4. Designation of the Agenda items Sub Working Groups Coordinators and Rapporteurs.
5. Work plan 2008-2011.
6. Other business.

#### **4.2 Draft Agenda of the Working Group on Terrestrial Fixed and Mobile Radiocommunication Services**

1. Opening remarks.
2. Approval of the agenda.
3. Broadband Power line communication.
4. Broadband Wireless Access.
5. Discussion and review involving RFID.
6. Update of PCC.II Recommendation on low power devices.
7. Spectrum needs for the functioning of unmanned aircraft systems (UAS).
8. Analysis, review and discussion of preceding or new issues arising as a consequence of technological developments.
9. Re-location of the 700 MHz band.
10. Aspects of Broadband Mobility.
11. Aspects of fixed system convergence.
12. Theory and application of cognitive or intelligent radio equipment.
13. Application of intelligent antennas and the technique known as MIMO.
14. Studies on the theory and application of UWB radio equipment.
15. Attributions to the aeronautical mobile services (R) SMA (R).
16. Use of bands identified for IMT in Region 2.
17. Available frequencies for emergency situations.

#### **4.3 Draft Agenda of the Working Group on Satellite Systems to Provide Fixed and Mobile Services**

1. Adoption of the agenda.
2. General guidelines for the licensing of Global Mobile Personal Communications by Satellite (GMPCS) networks.
3. Procedures for authorization of earth stations on board vessels (ESV).
4. Implementation of regulations to facilitate the deployment of satellite services.
5. Harmful interference from authorized satellite network transmissions.
6. Work plan 2008-2010.
7. Use, operation, and applications of the C band by Member Administrations of CITEL.
8. Existing databases on satellite systems.
9. Technical and regulatory aspects contained in Appendix 30B of the ITU Radio Regulations.
10. Other business.

#### **4.4 Draft Agenda of the Working Group on Broadcasting**

1. Opening remarks.
2. Approval of the agenda.
3. Discussion of the 1981 Río de Janeiro Plan
4. Contributions for the Digital Terrestrial Television Implementation Guide.
5. Development of Digital Sound Broadcasting in the region.
6. Work Plan 2008-2010.
7. Other business.

#### **4.5 Draft Agenda of the 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. Status of the updates of the DVD and CD with information on the Workshops organized by the Rapporteur Group.
3. Publication on CITEL's web page of the information contained in the DVD.
4. Work Plan 2008-2010.
5. Report on the visit to the Government of Catalonia (Spain) to observe their NIR monitoring system.
6. Interest on the part of Administrations in replicating the seminars held.
7. Compilation of information on continuous NIR monitoring systems.
8. Information update on NIR.

#### **IV. RECOMMENDATIONS**

##### **PCC.II/REC. 23 (XI-08) <sup>8</sup>**

##### **REGISTRATION OF EARTH STATIONS OPERATING IN THE FIXED-SATELLITE SERVICE (SPACE-TO-EARTH) IN THE BAND 3 400-4 200 MHz**

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

##### **CONSIDERING:**

a) That the World Radiocommunication Conference 2007 (WRC-07) adopted footnote **5.ZZZ** to the Table of Frequency Allocations in which the band 3 400-3 500 MHz was allocated to the mobile, except aeronautical mobile, service on a co-primary basis, in certain Region 2 countries subject to agreement obtained under No. **9.21**;

b) That WRC-07 also adopted footnotes to the Table of Frequency Allocations to identify certain parts of the 3 400-3 600 MHz band for use by International Mobile Telecommunications (IMT) services in Regions 1 and 3;

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<sup>8</sup> CCP.II-RADIO/doc. 1598/08 rev.1

- c) That the fixed and mobile terrestrial services have a co-primary allocation with the Fixed Satellite Service (FSS) in 3 500-4200 MHz in Region 2;
- d) That when identifying any administration with which coordination may be required under No. **9.21**, the ITU Radiocommunication Bureau (BR) will only be able to carry out such identification if a specific FSS Earth Station has been filed with the BR;
- e) That Articles **9** and **11** of the Radio Regulations contain the procedures for effecting coordination or obtaining agreement and notification and recording of frequency assignments, including those applicable to specific FSS Earth Stations;
- f) That Appendix **7** of the Radio Regulations establishes coordination distances of terrestrial stations from specific FSS Earth Stations;
- g) That the locations of future FSS Earth Stations need to be protected,

**NOTING:**

- a) That the Radio Regulations Nos. **9.17**, **9.17A**, **9.27**, and **9.29** provide for the coordination of specific Earth Stations that will lead to notification of FSS Earth Stations;
- b) That it is necessary to provide the appropriate information as listed in Appendix **4** to the Radio Regulations for notification of earth stations,

**RECOMMENDS:**

1. That Administrations in the Americas should notify the Office of Radiocommunications (BR) of the International Telecommunication Union (ITU) of their specific FSS Earth Stations located, or planned to be located within their territory and operated with a satellite network in the fixed-satellite service (space-to-Earth) in the 3 400-4 200 MHz band.
2. That to accomplish *recommends* 1, the steps to be followed are set forth in Annex to this Recommendation.
3. That Administrations develop bi-lateral agreements with neighboring Administrations when implementing mobile services and fixed-satellite services in contiguous countries.

**ANNEX TO RECOMMENDATION PCC.II/REC. 23 (XI-08)**

**NOTIFYING FSS EARTH STATIONS WITH THE ITU**

1. Obtain the receive characteristics of FSS earth stations operating or planned to operate in the 3 400-4 200 MHz band as part of an existing or planned satellite network;
2. Determine if these characteristics are already included in satellite network filings made to the ITU as typical earth stations;

3. Determine the locations of the existing or planned receive earth stations to be notified. Ensure that the FSS earth station locations which are or may be located close to the boundaries of other countries are taken into account;
4. Make electronic filings to the ITU-BR which are in accordance with the provisions of the Radio Regulations using the BR software. Assignments to specific earth stations may reach the BR not more than three years before the assignments are brought into use and may be recorded in the master register only after the associated space station is recorded. Appendix 4 identifies what information must be filed to obtain notification under Article 11;
5. Once an earth station is registered with the ITU, it will be taken into account in the coordination and notification processes.

## V. DECISIONS

The XI Meeting of the Permanent Consultative Committee II: Radiocommunication including Broadcasting,

### DECIDES:

<b>PCC.II/DEC.58 (XI-08)</b> <sup>9</sup>	<ol style="list-style-type: none"> <li>1. To create a discussion group in the Electronic Forum of CITEL named IMT, with Mr. José Costa as coordinator, to assist in the CITEL member preparations for the work of ITU-R on International Mobile Telecommunications (including IMT-2000 and IMT-Advanced), and invite the members to join this forum.</li> <li>2. To eliminate the discussion group CITEL-8F after recording all the information.</li> </ol>
<b>PCC.II/DEC.59 (XI-08)</b> <sup>10</sup>	To request information from the Member States of CITEL regarding their current procedures for generic or block licensing of earth stations, especially whether the procedures and guidelines contained in Recommendation PCC.II/REC. 12 (VI-05) have been implemented for earth stations operating in frequency bands not shared with other services.
<b>PCC.II/DEC.60 (XI-08)</b> <sup>11</sup>	To disseminate to the Members of CITEL information on the International Workshop on Electromagnetic Non-ionizing Emissions to be held by the ICNIRP in Brazil, October 16 to 18, 2008, and whose preliminary general information is contained in document CCP.II-RADIO/doc. 1641/08 rev.1.

<sup>9</sup> CCP.II-RADIO/doc. 1653/08

<sup>10</sup> CCP.II-RADIO/doc. 1646/08 rev.1

<sup>11</sup> CCP.II-RADIO/doc. 1659/08

<b>PCC.II/DEC.61 (XI-08)</b> <sup>12</sup>	<p>1. To instruct the Executive Secretary to send a communication to the Administrations of Argentina and Brazil expressing recognition of and congratulations and appreciation of the Permanent Consultative Committee II (PCC.II) for the excellent work done by Mr. Sergio Scarabino as Chair and Mr. João Carlos Albernaz as Vice Chair of the Working Group to prepare for the 2007 World Radiocommunication Conference (WRC-07).</p> <p>2. In said communication to note that the outcomes achieved by CITEL at WRC-07 resulted from the extraordinary coordination effected during said Conference and the work of the Secretariat of CITEL.</p>
<b>PCC.II/DEC.62 (XI-08)</b> <sup>13</sup>	<p>1. To instruct the Executive Secretary:</p> <ul style="list-style-type: none"> <li>a) To distribute the preliminary working document CCP.II-RADIO/doc. 1660/08, which consolidates the amendments to resolution PCC.II/REC. 26 (VI-05) presented for the XI Meeting of PCC.II and contained in documents CCP.II-RADIO/doc. 1596/08 (United States), CCP.II-RADIO/doc. 1631/08 (Guatemala), and CCP.II-RADIO/doc. 1584/08 (Paraguay);</li> <li>b) That, in view of the time needed to process and distribute contributions, to request the Member States of CITEL forward their comments and proposals by the established deadline of sixty (60) days prior to the start of the XII Meeting of PCC.II.</li> </ul> <p>2. To establish a drafting group of the Working Group for the Preparation of CITEL for Regional and World Radiocommunication Conferences, with the mandate to “review resolution PCC.II/REC. 26 (VI-05), taking account of document CCP.II-RADIO/doc. 1660/08, its background, and such proposals as the Member States of CITEL may present during its work.” The Group will be chaired by Mr. Joaquín Restrepo (Colombia), who will carry out his work at meetings of the Working Group for the Preparation of CITEL for Regional and World Radiocommunication Conferences and via the WRC Discussion Group in CITEL’s Electronic Forum. Said Group is to complete its work preferably at the XII Meeting or by no later than the XIII Meeting of PCC.II.</p>

<sup>12</sup> CCP.II-RADIO/doc. 1645/08 rev.1

<sup>13</sup> CCP.II-RADIO/doc. 1664/08 rev.1

<b>PCC.II/DEC.63 (XI-08)</b> <sup>14</sup>	To request members of CITEL to review Document CCP.II-RADIO/doc. 1604/08 rev.2] “DRAFT RECOMMENDATION PCC.I/REC. XXX (XI-08) PROPOSED NEW RECOMMENDATION RELATING TO FRAMEWORKS FOR THE INTRODUCTION AND DEPLOYMENT IN THE AMERICAS OF INTEGRATED MOBILE-SATELLITE SERVICE AND GROUND SYSTEMS OPERATING WITHIN THE MOBILE-SATELLITE SERVICE IN THE 1-3 GHZ RANGE, INCLUDING SYSTEMS INTENDED FOR NEXT GENERATION NETWORKS”, with particular attention to the Annex on Guidelines to Facilitate the Deployment of Integrated Systems in the Americas of said document, with a view to complete this draft Recommendation at the next meeting of PCC.II.
<b>PCC.II/DEC.64 (XI-08)</b> <sup>15</sup>	To instruct the Executive Secretary to distribute document CCP.II-RADIO/doc. 1654/08 rev.1, which contains the index to the “DIGITAL TERRESTRIAL RADIO BROADCASTING IMPLEMENTATION GUIDE” requesting that contributions be presented by the XII Meeting of PCC.II.

## VI. LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session and the  
First Plenary Session:  
Summary Minutes of the Second Plenary Session:  
Summary Minutes of the Third Plenary Session  
and Closing Session:  
List of Documents:  
List of Participants:  
Final Report for the Meeting

CCP.II-RADIO/doc. 1650/08 rev.1  
CCP.II-RADIO/doc. 1665/08

CCP.II-RADIO/doc. 1666/08 rev.1  
CCP.II-RADIO/doc. 1564/08 rev.4  
CCP.II-RADIO/doc. 1565/08 rev.1  
CCP.II-RADIO/doc. 1673/08 rev.1

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<sup>14</sup> CCP.II-RADIO/doc. 1655/08 rev.2

<sup>15</sup> CCP.II-RADIO/doc. 1672/08