



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

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

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**II MEETING OF PERMANENT  
CONSULTATIVE COMMITTEE II:  
RADIOCOMMUNICATIONS  
INCLUDING BROADCASTING  
October 20 to 24, 2003  
San Salvador, El Salvador**

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

**(Item on the Agenda: 8)**

**(Document submitted by the Chair of the Drafting Group)**

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## FINAL REPORT

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

The II Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting was held in San Salvador, El Salvador, October 20 to 24, 2003.

#### 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 Working Groups and Ad Hoc Group on the following topics:
  - 4.1 Regional and World Radiocommunication Conference.
  - 4.2 Terrestrial Fixed and Mobile Radiocommunication Services.
  - 4.3 Satellite systems to provide fixed and mobile services.
  - 4.4 Broadcasting
  - 4.5 Coordination of the activities resulting from the AHCIET proposed study.
5. Report of the tasks realized in coordination with ITU.
6. Agenda, Venue and Date of the III Meeting of PCC.II.
7. Other matters.
8. Approval of the Final Report of the II Meeting.

#### II. AUTHORITIES OF THE MEETING

**Chair:** Mr. Mikhail Marsiglia (Venezuela)  
**Vice-Chairs:** Mr. Héctor Carril (Argentina)  
Mr. Carlos Merchán (México)  
**Executive Secretary:** Mr. Clovis Baptista (CITEL)

#### **Drafting Group:**

**Chair:** Mr. Alexander Tejada (El Salvador)  
**Members:** Mr. Franklin Palate Criollo (Ecuador)  
Mr. Saúl Vásquez (El Salvador)  
Mr. Scott Rutherford (United States of America)  
Mr. Bill Belt (United States of America)

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<sup>1</sup> Document PCC.II-RADIO/doc.219/03

### III. RESOLUTIONS

#### PCC.II/RES.7 (II-03)<sup>2</sup>

#### **STRUCTURE OF THE WORKING GROUP FOR PREPARATION OF CITEL FOR REGIONAL AND WORLD RADIOCOMMUNICATION CONFERENCES IN PREPARATION FOR WRC-07**

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

#### **HAVING EXAMINED:**

The structure used during the preparation of WRC-03 as well as the Administrations' contributions to this meeting,

#### **RESOLVES:**

1. That Mrs. Paula Córdoba from Argentina and Mr. João Carlos Albernaz of Brazil shall be the Chair and Vice-Chair of the Working Group for the preparation of CITEL for regional and World Radiocommunication Conferences;
2. That the previously mentioned Working Group shall use the structure and will assign the functions for the development of activities contained in Annex 1.

#### **ANNEX 1 PCC.II/RES.7 (II-03)**

#### **STRUCTURE OF THE WORKING GROUP FOR PREPARATION OF WRC-07**

##### **1. Coordinator and Rapporteur Functions**

Preparation efforts for WRC-07 will be carried out by the procedure for the preparation and adoption of Inter-American proposals to be submitted to a World Radiocommunication Conference adopted through PCC.III/RES. 119 (XVIII-01)

A Coordination will be identified for each Working Subgroup and Rapporteurs will be identified for each Agenda Item or group of Agenda items of the WRC-07 Agenda. An alternate will be identified for the Coordinator and the Rapporteur.

Each of these identified positions will have the following responsibilities:

- a) Working Subgroup Coordinator:
  - To chair and coordinate activities of the Working Subgroup.
  - To be present at every Working Subgroup meeting during the WRC-07 preparation process.

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<sup>2</sup> Document PCC.II-RADIO/doc.333/03 rev.2

- To deliver a brief summary to the WRC-07 working group on the Working Subgroup activities, including documents on Preliminary Points of view, Preliminary Proposals and the Draft Inter-American Proposals, accordingly.
  - To consult with the Alternate Working Subgroup Coordinator.
- b) Alternate Working Subgroup Coordinator:
- To actively contribute with the work of the Working Subgroup Coordinator.
  - To assume the Working Subgroup Coordinator's responsibilities should it be required.
- c) Rapporteur:
- To chair and coordinate the meetings of the rapporteur Group
  - To be present at every Working Group meeting during the preparation process for WRC-07
  - To provide a summary of the activities and results of the rapporteur Group to the Working Subgroup Coordinator, including Documents of Preliminary Points of view, Preliminary Proposals, and Draft Inter-American Proposals, accordingly
  - To consult with the Rapporteur Alternate
- d) Rapporteur Alternate:
- To contribute with the Rapporteur's work
  - To assume the Rapporteur's responsibilities should it be required.

**2. Working Group Structure in preparation for WRC-07**

<b>Working Subgroup</b>	<b>Issue</b>	<b>Agenda Items</b>
SWG-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
SWG-2	FSS, BSS, HAPS and MSS	1.7, 1.8, 1.9, 1.10, 1.11, 1.17, 1.18, 1.19, 1.21
SWG-3	Regulatory and other Issues	1.1, 1.12, 2, 3, 4, 5, 6, 7.1
SWG-4	Sharing 2.5 GHz and IMT-2000	1.4, 1.9
SWG-AD-HOC*	Future Conferences	7.2

\* It is expected that the SWG-AD-HOC will not need to meet at the beginning of the WRC-07 preparation process.

**PCC.II/RES.8 (II-03)<sup>3</sup>**

**PROPOSED TIMELINE FOR CITEL WRC-07 PREPARATION**

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

**RECOGNIZING:**

The need to establish guidance for the work of the Working Group for the preparation of CITEL for Regional and World Radiocommunication Conference,

**CONSIDERING:**

- a) That early submission of Inter-American Proposals (IAPs) to WRC-03 kept CITEL at the forefront of discussion on any given Agenda Item;
- b) That the number of IAPs elevated CITEL's stature at the conference;
- c) That there were several times during the conference when issues were regionalized;
- d) That prior preparation strengthened CITEL's effectiveness;
- e) That when attending conference preparatory meetings of other regions, CITEL views are always requested, and taken into account;
- f) That Resolution PCC.III/RES.119 (XVIII-01) "Submitting Inter-American Proposals to World Radiocommunication Conferences" establishes guidelines for timely submission of IAPs;
- g) That in view of the above, the early submission of IAPs to the ITU should be a priority for CITEL;
- h) That this timeline is subject to change depending on budgetary restrictions of CITEL and host countries;
- i) That it is possible, in exceptional situations, for the Working Group for the preparation of CITEL for Regional and World Radiocommunication Conference to meet exclusive of a PCC.II meeting;
- j) That whenever possible, there is no conflict with conference preparatory meetings of other regional organizations, and
- k) That whenever possible meetings are scheduled after ITU-R study groups meetings that may affect the work of the Group to best capture the results of these meetings,

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<sup>3</sup> Document PCC.II-RADIO/doc.230/03 rev.2

**RESOLVES:**

To instruct the Chair of PCC.II to bring this tentative schedule to the attention of COM/CITEL

**ANNEX PCC.II/RES.8 (II-03)**

**TENTATIVE TIMELINE FOR CITEL WRC-07 PREPARATION**

2003

(PCC.II #2) October (Establish the working structure of this group)

2004

(PCC.II #3) April

(PCC.II #4) October

2005

(PCC.II #5) February

(PCC.II #6) June

(PCC.II #7) October

2006

(PCC.II #8) February

(PCC.II #9) June

(PCC.II #10) October

2007

(PCC.II #11) February

(PCC.II #12

or WRC WG) May

NOTE: It has been indicated that the upcoming ITU Council meetings may reschedule WRC-07. Should the WRC date change, the timeline would change accordingly.

## PCC.II/RES.9 (II-03)<sup>4</sup>

### AGENDA, VENUE AND DATE OF THE III MEETING

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

#### RESOLVES:

1. To hold the III Meeting of PCC.II in venue and date to be confirmed.
2. To approve the Draft Agenda for the III PCC.II Meeting attached in the Annex.

#### ANNEX

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 Working Groups and Ad Hoc Groups on the following topics:
  - 4.1 Regional and World Radiocommunication Conference.
  - 4.2 Terrestrial Fixed and Mobile Radiocommunication Services.
  - 4.3 Satellite systems to provide fixed and mobile services.
  - 4.4 Broadcasting
  - 4.5 Coordination of the activities resulting from the AHCIET proposed study.
5. Report of the tasks realized in coordination with ITU.
6. Agenda, Venue and Date of the IV Meeting of PCC.II.
7. Other matters.
8. Approval of the Final Report of the III Meeting.

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<sup>4</sup> Document PCC.II-RADIO/doc.335/03

**PCC.II/RES. 10 (II-03)<sup>5</sup>**

**USE OF EARTH STATIONS ON BOARD VESSELS (ESVs)**

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

**CONSIDERING:**

- a) That the task defined by Resolution CCP.III/RES. 108 (XVI-00) was not concluded;
- b) That WRC-03 adopted changes to the Table of Frequency Allocations to allow for communication between earth stations on vessels (ESV) and space stations in the fixed-satellite service in the bands 5 925-6 425 MHz and 14.0 to 14.5 GHz;
- c) That WRC-03 approve a Resolution 902 (WRC-03) “Provisions relating to earth stations located on board vessels which operate in fixed-satellite service networks in the uplink bands 5 925-6 425 MHz and 14-14.5 GHz” providing technical and regulatory guidelines for the operation of ESVs;
- d) That there is a need to protect stations operating in the fixed service in the same bands;
- e) That CITELE countries would benefit if common procedures could be developed for the use of ESVs, and
- f) That the ESVs should have a license issued by a telecommunications Administration according to the ITU and IMO rules,

**NOTING:**

- a) That methods and procedures to quantify and prevent unacceptable interference from ESVs to stations in services sharing the same bands have been completed and are incorporated in Recommendations ITU-R SF.1585, S.1587-1, SF.1648, SF.1649, SF.1650, and
- b) That a sub-working group was created within the Working Group Relative to Satellite Systems to provide Fixed and Mobile Services, with the objective of developing procedures that could be used by CITELE Administrations for authorizing ESVs to use the bands 5925 – 6425 MHz and 14.0-14.5 GHz,

**RESOLVES:**

1. To derogate Resolution CCP.III/RES. 108 (XVI-00).
2. To use Resolution 902 (WRC-03) as a guideline for developing the procedures referred to in *noting* b).

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<sup>5</sup> Document CCP.II-RADIO/doc.349/03 rev.1

3. To designate Mr. Manuel Almeida as the coordinator of the sub-working group referred to in *noting* b).

**INVITES TO THE ADMINISTRATIONS:**

1. To participate in developing the procedures to be used for authorizing ESVs; and
2. To work with ESV operators to develop detailed procedures for ESV use.

**INSTRUCTS THE EXECUTIVE SECRETARY:**

1. To facilitate this work through the CITELElectronic Forum; and
2. To inform other regional groups about this Resolution and ask that they inform CITELE of their progress on this subject.

**THE DESIRABILITY AND TIMELINESS OF CARRYING OUT THE ACTION PLAN  
OF THE SUMMIT OF THE AMERICAS BY RECOMMENDING A COMMON  
HEMISPHERIC STANDARD FOR TERRESTRIAL DIGITAL TELEVISION  
BROADCASTING IN THE AMERICAS**

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

**CONSIDERING:**

a) That each country is strongly encouraged to establish a work calendar aimed at promoting Terrestrial Digital Television services considering their special conditions, as well as their plans and projects, including among others, the following factors:

- A transition process considering a public interest consultation and the agreements with current operators and market forces;
- The convenience of adopting policy guidelines for the region, aimed at promoting the elaboration of positive national regulations to implement Terrestrial Digital Television in a convergence framework;
- The need to establish business and transition models according to each country's needs and socio-economic condition of their populations;
- The elaboration of frequency plans that consider existing services;
- The need to have available contents according to the technology;
- The development of new generation services associated to the convergence of technologies,

b) That the special responsibility of the Inter-American Telecommunication Commission (CITEL) to promote joint action and regulatory harmony among the various nations of the Americas enables it to contribute to carrying out the Summit action plan, specifically by:

- Stimulating and fostering the development of the broadcasting service in the region;
- Promoting the use of modern technologies and evaluating their impact, and
- Promoting the efficient use of the radio spectrum allocated to the broadcasting service, taking into account, in particular, the need to prevent and avoid, to the extent possible, harmful interference in radio-communication services,

c) That the challenge to all Inter-American institutions is to ensure that the enormous potential benefits of information technology and connectivity are maximized and fully shared by all citizens of the Americas;

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<sup>6</sup> Document PCC.II-RADIO/doc.348/03 rev.1

d) That all national television broadcasting systems in the Americas currently operate in 6 MHz wide channels, and

e) The convenience of supporting the development of current or future Terrestrial Digital Television technologies that promote a new generation of broadcast and telecommunication services,

**RECOGNIZING:**

a) That the Heads of State and Government Summit in Quebec City (April 20-22, 2001):

- Recognized that a technological revolution is unfolding that will enable our region to access knowledge and improve flows of information to facilitate integration of the hemisphere into an increasingly knowledge based society;
- Endorsed the need to harness the rapid development and spread of information technology and connectivity that holds out the promise of unprecedented opportunities for political, economic and social development in the Americas;
- Instructed, as appropriate, in its plan of action, regulatory bodies working within our regional and sub-regional agencies and organizations to develop and implement before the next Summit of the Americas a cooperative and collaborative program to support a connectivity agenda for the hemisphere;

b) That CITELE Member States, in cooperation with the private sector, have an early opportunity to contribute to the objectives outlined in *recognizing a*);

c) That the adoption by the CITELE Member States of a common approach to Terrestrial Digital Television broadcasting would serve to:

- Enable individuals to participate in inter-cultural dialog for the promotion and protection of their cultures;
- Facilitate the most rapid possible implementation of DTV systems throughout the region, by creating and leveraging substantial economies of scale to accelerate the production of affordable consumer and professional DTV products and applications throughout the Americas;
- Ensure an orderly conversion process from an analog to a digital television system;
- Make more efficient use of the electromagnetic spectrum through the conversion to digital television service;
- Facilitate the development and achievement of common goals for the benefit of its members;

d) That Terrestrial Digital Television broadcasting secures new ways of accessing and sharing information that can serve new partnerships between private and public sectors and can allow for broader avenues of media literacy;

e) That Terrestrial Digital Television broadcasting will play a pivotal role in achieving the objectives that the 3<sup>rd</sup> Summit of the Americas endorsed as a vehicle for democratic participation that uses technology to engage citizenry in a fundamentally different way;

f) That the upgrade of the broadcasting infrastructure of each Member State from analog to digital technology will be greatly enhanced, more cost effective and faster if all of the Member States of the Americas work together to adopt a single hemispheric standard for digital television; and

**RESOLVES:**

1. To encourage Member States to adopt and implement a common Terrestrial Digital Television broadcasting standard.

2. To work together to encourage the successful transition from analogue to digital terrestrial television technology as rapidly as possible, recognizing the economic and social conditions in individual countries.

3. To continue to assist Member States in expediting the implementation of a common hemispheric standard for Terrestrial Digital Television broadcasting.

**PCC.II/RES. 12 (II-03)<sup>7</sup>**

**PUBLICATION OF RESULTS OF THE JOINT SEMINAR ON BROADBAND  
WIRELESS ACCESS**

The II meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting

**CONSIDERING:**

a) That in accordance with decision COM/CITEL DEC.11 (IV-96), the chairman of COM/CITEL signed a cooperation agreement with AHCIET to undertake joint projects of mutual interest to both organizations for the purpose of promoting the development of telecommunications in the Americas;

b) That Resolution PCC.III /RES. 142 (XXI-02), “Joint Cooperation between CITEL and AHCIET on the Study of Technologies for Broadband Wireless Internet Access in the Americas” established an Ad-hoc Group to coordinate the activities resulting from the AHCIET proposed study;

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<sup>7</sup> Document CCP.II-RADIO/doc.331/03 rev.2

- c) That by resolves 1 of Resolution PCC.II/RES.5 (I-03) it was approved to conduct a two-part joint seminar as a way to fulfill the objective of the study, the first part of which was held during the II meeting of PCC.II;
- d) That this seminar produced relevant outputs as conclusions and has identified issues to be discussed in the near future;
- e) That this information is very useful not only for AHCINET and CITELE members but also for governmental organizations, private sector and civil society;
- f) That circulating the results of this study would facilitate the access to the benefits of the Information Society to all social and economical sectors;
- g) That the publication of the proceedings of the seminar is a way to create awareness of these results, and
- h) That there is a need to identify financial resources to sponsor the publication,

**TAKING INTO ACCOUNT:**

The conclusions of the First Joint AHCINET-CITEL Seminar on Broadband Wireless Access included in document CCP.II-RADIO/doc.320/03 rev.2,

**RESOLVES:**

1. To present the final report of the First Joint AHCINET-CITEL Seminar on Broadband Wireless Access in the CITELE website so that the conclusions are accessible in a timely fashion.
2. To appoint Mr. Eduardo Gabelloni and Mr. Charles Glass to coordinate the activities to prepare the publication and to report to PCC.II on the actions taken.
3. To publish the proceedings of the First Joint AHCINET-CITEL Seminar Broadband Wireless Access held during the II meeting of PCC.II.

**INSTRUCT THE EXECUTIVE SECRETARY:**

To coordinate sponsorship with AHCINET for the necessary activities to achieve the publication in a timely fashion.

**PCC.II/RES.13 (II-03)<sup>8</sup>**

**HANDBOOK OF BROADBAND WIRELESS ACCESS CASE STUDIES**

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

**CONSIDERING:**

- a) That in accordance with decision COM/CITEL DEC.11 (IV-96), the chairman of COM/CITEL signed a cooperation agreement with AHCINET to implement joint projects of mutual interest to both organizations for the purpose of promoting the development of telecommunications in the Americas;
- b) That Resolution PCC.III /RES. 142 (XXI-02), “Joint Cooperation between CITEL and AHCINET on the Study of Technologies for Broadband Wireless Internet Access in the Americas” established an Ad-hoc Group to coordinate the activities resulting from the AHCINET proposed study;
- c) That by resolves 1 of Resolution PCC.II/RES.5 (I-03) it was approved to hold a two-part joint seminar as a way to fulfill the objective of the study, the first part of which was held during the II meeting of PCC.II, and
- d) That this seminar produced relevant outputs as conclusions and has identified the possible need to share case studies on broadband wireless access as was expressed in the Seminar Report of the Seminar (document CCP.II-RADIO/doc.320/03 rev.2),

**RESOLVES:**

To request CITEL members inputs by the Third meeting of PCC.II to identify:

- a) The need for such a case study handbook, and
- b) The desired content of such a case study handbook.
- c) The desired time frame for completion while recognizing priorities and limited resources of CITEL PCC.II.

**INSTRUCT THE EXECUTIVE SECRETARY:**

To send a copy of this Resolution to AHCINET Secretary General in order to ask for contributions from AHCINET members on resolves 1.

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<sup>8</sup> Document CCP.II-RADIO/doc.330/03 rev.2

#### **IV. RECOMMENDATIONS**

##### **PCC.II/REC.2 (II-03)<sup>9</sup>**

##### **HARMONIZED LICENSING OF GMPCS SERVICE NETWORKS**

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

##### **CONSIDERING:**

- a) That mobile satellite networks can provide service to multiple CITELE countries within the same service area;
- b) That at present, CITELE member countries have a variety of licensing regulations;
- c) That there can be difficulties caused to the provision of service from mobile satellite networks due to inconsistencies in licensing approaches throughout the Americas region;
- d) That harmonization of the licensing processes in CITELE countries could provide smooth transitions in the provision of service when the ownership of a given system changes but there is no change in the technical and operational parameters of that system, and
- e) That a two-tier approach to licensing has been successfully introduced in other regions.

##### **NOTING:**

That many CITELE Administrations issue two separate licenses for each GMPCS network, namely:

- Use of spectrum;
- Provision of services;

##### **RECOMMENDS:**

1. That CITELE member countries undertake to develop a set of harmonized licensing guidelines for regional application.
2. That the guidelines provide for ownership changes through the provision of a single set of information focusing on financial viability, rather than requiring the restart of the licensing process from the beginning, e.g.
  - Full name, company address, and Registration details of the company;
  - Principal officers of the company;
  - Name and address of contact person for licensing;

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<sup>9</sup> Document PCC.II-RADIO/doc226/03rev.1

- Name and address for billing purposes;
- Date for start of service or transfer of responsibility for service;
- Details of principal shareholders in the new company;
- Summary of the current business plan;

3. That, when the ownership of the system changes but the technical and operational parameters of that system do not change, the guidelines would allow for “fast track” licensing by not requiring applicants to re-submit technical and operational information.

4. That these guidelines be developed by interested countries and organizations during the next year.

### **PCC.II/REC.3 (II-03)<sup>10</sup>**

#### **SIGNATURE OF THE CONVENTION REGARDING THE INTERNATIONAL AMATEUR RADIO PERMIT AND THE PROTOCOL OF AMENDMENT**

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

#### **CONSIDERING:**

a) That the twenty - fifth normal period of the OAS General Assembly, by means of the AG/RES.1316 (XXVI-O/95) Resolution, dated June 8, 1995, adopted the Inter-American Convention on an International Amateur Radio Permit(IARP);

b) That in the thirty-third regular period of the OAS General Assembly, by means of the Resolution AG/RES.1947 (XXXIII-O/03) dated June 10, 2003 the Protocol of Amendment to the Convention on an International Amateur Radio Permit;

c) That the Inter-American Convention on the International Amateur Radio Permit was developed based on the proposals prepared by the previously called Committee known as PCC.III;

d) That to date, ten countries have subscribed to the Inter-American Convention on the International Amateur Radio Permit;

e) That the Convention entered into force on February 23, 1996 and permits temporary operation of amateur stations in a Member State for persons with IARP licenses from another Member State without additional reviews. Any Member State may issue permits to its citizens to operate in other Member States, and

f) That the Protocol This Draft Protocol grants holders of radio amateur permits of the member countries of the European Conference of Postal and Telecommunications (CEPT)

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<sup>10</sup> Document PCC.II-RADIO/doc.316/03

that have applied Recommendation T/R 61-01 the same rights and privileges that are given to the holders of the IARP of the CITEL Member States, which then become States parties to the Protocol, as long as the CEPT grants the holders of IARP the same privileges and exemptions granted to the holders of the CEPT radio amateur licenses of the CEPT Member States that have applied Recommendation T/R 61-01. This will help to simplify the administrative procedures for granting radio amateur licenses, which in turn will contribute to reducing costs and time for the administrations,

**TAKING INTO ACCOUNT:**

- a) That the Lima Multilateral Convention of Radio Amateur Members is in force in certain CITEL member countries, and
- b) That the Resolution PCC.III/RES.13 (III-95) urges the OAS Member States to consider the subscription to the Convention on the International Amateur Radio Permit,

**RECOMMENDS:**

That the OAS Member States subscribe to the Convention on the International Amateur Radio Permit and its Protocol of Amendment.

**TO INSTRUCT THE EXECUTIVE SECRETARY:**

To send this recommendation to the Administrations members of CITEL.

**PCC.II/REC. 4 (II-03)<sup>11</sup>**

**BROADBAND WIRELESS APPLICATIONS IN THE FIXED SERVICE, IN THE 57-64 GHZ FREQUENCY BAND**

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

**CONSIDERING:**

- a) That there are broadband wireless applications for fixed services operating in the 60 GHz which can be used to:
  - close fiber optic rings or connect customers to existing fiber networks
  - deploy communications circuits rapidly in times of disaster or emergency
  - extend coverage of radio-bases into areas with poor service or to provide indoor networks

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<sup>11</sup> Document CCP.II-RADIO/doc.346/03 rev.1 cor.1

- aggregate residential or mobile service traffic and route it wirelessly to fiber nodes
  - interconnect corporate LAN networks;
- b) That the key propagation characteristic of the 60 GHz band is its high level of atmospheric RF energy absorption by oxygen molecules, allowing for dense deployment of terrestrial terminals using the same frequency;
- c) That the potential for co-channel interference is small, reinforced by the use of reduced emission power, so that transceivers can operate with wide channels (e.g., 1 GHz), enabling high transmission speeds (e.g., 100 Mbps – 1.25 Gbps) without restricting the opportunity for numerous users to occupy the same band; and
- d) That these applications allow to reach fiber-like bandwidth capabilities when not subject to frequency channelization,

**RECOMMENDS:**

1. That CITELE Administrations consider the total or partial use of frequency band of 57 - 64 GHz. for broadband applications on fixed services.
2. That CITELE Administrations consider adopting procedures that allow deployment of these applications based on license exemption, where these proceedings are in accordance to the national laws and regulations that apply.

**PCC.II/REC. 5 (II-03)<sup>12</sup>**

**GUIDELINES FOR COORDINATION OF AREA-LICENSED FIXED WIRELESS SYSTEMS OPERATING IN NEIGHBOURING COUNTRIES**

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

**CONSIDERING:**

- a) That in some neighboring countries the same frequency band may be used by fixed wireless systems;
- b) That fixed wireless system operators are often licensed by service areas and deploy facilities within their licensed service areas;
- c) That some guidelines addressing the coordination of area-licensed fixed wireless access systems operating in neighboring countries would be beneficial;

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<sup>12</sup> Document CCP.II-RADIO/doc.345/03 rev.1

d) That some guidelines for coordination of area-licensed fixed wireless access systems have been developed in ITU-R Recommendation F.9BL004 entitled: “Guidelines for a process to address the deployment of area-licensed fixed wireless systems operating in neighboring countries”,

**NOTING:**

That ITU-R Recommendation (F.9BL004) provides example coordination criteria for fixed systems operating in the 24 GHz, 26 GHz, 28 GHz and 38 GHz frequency bands,

**RECOMMENDS:**

That CITELE Administrations consider ITU-R Recommendation (F.9BL004) for guidance in developing coordination processes and criteria for fixed wireless access systems with neighbouring countries.

**FURTHER RECOMMENDS:**

That Administrations consider developing revisions to ITU-R Recommendation (F.9BL004), to be submitted to the ITU-R, that provide criteria for additional frequency bands used by fixed wireless systems.

**PCC.II/REC. 6 (II-03)<sup>13</sup>**

**GUIDELINES FOR THE IMPLEMENTATION OF NATIONAL REGULATIONS  
THAT FACILITATE THE DEPLOYMENT OF SATELLITE SERVICES,  
PARTICULARLY BROADBAND SERVICES, IN THE AMERICAS**

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

**CONSIDERING:**

- a) That the Third Summit of the Americas (Quebec 2001) requested “ministries or departments responsible for telecommunications and appropriate regulatory bodies to cooperate, within CITELE, in order to clarify and simplify rules governing the provision of satellite services in our countries...” and “promote the modernization and expansion of telecommunications infrastructure in rural and urban areas through timely introduction of new technologies and services, in particular broadband technologies...”;
- b) That technological advances and convergence of services are increasing the use of broadband via satellite worldwide;
- c) That, although there are presently various means of providing broadband, satellite is one of the best suited to reach regions lacking terrestrial means;
- d) That widespread implementation of and/or access to broadband via satellite in CITELE member countries would promote the flow of information to: foster the development of human

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<sup>13</sup> Document CCP.II-RADIO/doc.341/03 rev.2

groups, access and growth of small and medium-sized enterprises (SMEs), and the connectivity of remote areas;

e) That the use of broadband by satellite requires adequate regulatory conditions for its development in the Americas, and

f) The results of the Roundtable on Broadband Services by Satellite held in the Second Meeting of the PCC.II in San Salvador, El Salvador,

### **RECOMMENDS:**

1. that CITELE Administrations encourage the development of broadband via satellite by implementing appropriate and flexible regulatory frameworks that will allow for the rapid implementation, access and use of broadband services.

2. that CITELE Administrations consider the use of broadband as an important way to support integration and national growth, within their economic and social development projects.

3. that the CITELE electronic forum (REGSAT) be maintained, having the purpose of preparing draft guidelines for the implementation of national regulations that favor the deployment of the broadband systems by satellite.

4. that, in order to encourage the deployment of satellite infrastructure, particularly for broadband services, pursuant to the Resolutions issued by the 2001 Summit of the Americas, “ministries or departments responsible for telecommunications and appropriate regulatory bodies” without prejudice to the application of the national regulations associated with the provision of services and the installation and operation of networks, consider the possibility of including in their national regulations concepts associated with:

a) “Block” or “Generic” Earth Station Licensing: To the extent possible, streamline licensing procedures to facilitate the rapid deployment of satellite earth stations and services. For satellite frequency bands that are not shared with other services, streamline satellite earth station licensing by establishing a mechanism to authorize large numbers of technically-identical satellite earth stations in a single license or in “blocks”. Such a license could be site-specific or non-site-specific (the most efficient approach).

b) Regional or International Hub Requirements: Permit, to the extent possible, the use of systems whose HUB stations are located anywhere in the region, while recognizing the needs of some Administrations for user control and security.

c) Availability of Procedures, Regulations, and Applications On-Line: In conformance with the legislative and regulatory framework in each nation, make current regulations and regulatory requirements publicly available online, and establish mechanisms that permit the electronic application and licensing for satellite earth stations. Such licensing can accommodate site-specific and non-site-specific Block or Generic Earth Station Licensing.

- d) Landing Rights: Minimize regulatory requirements for landing rights, taking into account the technical information that is already publicly available from the ITU for satellite network coordination, and the space station licensing process undertaken by the notifying Administration.
- e) Local Presence Requirements: To the extent allowed by national laws, minimize the local presence requirements in-country.
- f) Consumer Protection / Public Safety: Promote public information on customer rights, quality of service, authorized operators, public safety and health protection.
- g) Additional Means of Promoting Satellite Broadband Deployment: Develop programs to foster the deployment of satellite services to rural, remote, underserved communities, and for other special social purposes. Successful programs have included “capacity credits”, tax incentives, loan programs, etc.
- h) Equipment Certification and Homologation: Increase awareness of and recognize the work done by PCC.I on the CITEL Mutual Recognition Agreement (MRA) which seeks to eliminate the duplication of the homologation and certification processes in Member States.

**INSTRUCTS THE SECRETARIAT OF CITEL:**

1. To send this recommendation to all of CITEL’s Member States and Associate Members.
2. To submit this recommendation to the next session of COMCITEL for consideration in its report to the next appropriate Summit of the Americas.

**V. DECISIONS**

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

**DECIDES:**

**PCC.II/DEC.6 (II-03)**<sup>14</sup> To instruct the Executive Secretary to send a letter of congratulations to the Administrations of Canada and Argentina for the excellent work of Mr. Marc Girouard as Chair and Ms. Paula Córdoba, as ViceChair, of the Working Group to prepare WRC-03.

**PCC.II/DEC.7 (II-03)**<sup>15</sup> To request the Administrations that before February 20th, 2004

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<sup>14</sup> Document PCC.II-RADIO/doc.323/03

<sup>15</sup> Document PCC.II-RADIO/doc.334/03 rev.1

indicate in Annex 1 of document CCP-RADIO/doc.334/03 rev.1 the information of the persons that participate in their representation in the Study Commissions and Work Groups of the ITU.

**PCC.II/DEC.8 (II-03)**<sup>16</sup> To request the Executive Secretary to create a discussion forum in the electronic forum of CITELE named CITELE-8F, with Mr. José Costa (WP8F CITELE Rapporteur) as coordinator, to assist in the CITELE member preparations for the work of ITU-R Working Party 8F (WP 8F) on IMT-2000, and invite the members to join this forum.

**PCC.II/DEC.9 (II-03)**<sup>17</sup> To request the Member States to send the CITELE Secretariat the documents on frequency allocation including the national footnotes in text format, to facilitate the present update of the system. Also, to request Administrations suggestions on the improvements of the present system or on the additional information that the system needs.

## **VI. LIST OF BASIC DOCUMENTS**

Minute of the Opening Session and the First Plenary Session:	CCP.III/doc.323/03 rev.1
Minute of the Second Plenary Session:	CCP.III/doc.343/03 rev.1
Minute of the Third Plenary Session and Closing Session:	CCP.III/doc. 352/03
List of Documents:	CCP.III.doc. 217/02 rev.6
List of Participants:	CCP.III.doc. 218/02 rev.1
Final Report of the Meeting:	CCP.III.doc. 353/02 rev.2

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<sup>16</sup> Document PCC.II-RADIO/doc.344/03

<sup>17</sup> Document PCC.II-RADIO/doc.337/03rev.1