

**II MEETING OF THE PERMANENT  
CONSULTATIVE COMMITTEE II:  
BROADCASTING**  
April 30 - May 3, 1996  
Puerto La Cruz, Venezuela

OEA/Ser.L/XVII.4.2  
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May 3, 1996  
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*FINAL REPORT*



***Inter-American Telecommunication Commission - CITEL***  
***ORGANIZATION OF AMERICAN STATES***

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## **SECOND MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE II: BROADCASTING**

The Second Meeting of the Permanent Consultative Committee II: Broadcasting (PCC.II) was held in Puerto La Cruz, Venezuela, April 30-May 3, 1996.

### **I.AGENDA**

1. Approval of the Agenda.
2. Opening remarks and oral reports from the Working Groups Chairmen.
3. Organization and structure of the Meeting.
  - 3.1 Creation of the drafting Group for the Final Report.
4. Television and Radio Broadcasting.
  - 4.1 Television Broadcasting.
    - 4.1.1 Advanced TV Broadcasting.
    - 4.1.2 Digital video compression.
    - 4.1.3 Direct to Home Broadcasting.
    - 4.1.4 Digital distribution by cable.
    - 4.1.5 Local Multipoint Distribution Systems (LMDS).
  - 4.2 Radio Broadcasting.
    - 4.2.1 Digital Broadcasting.
    - 4.2.2 Auxiliary Services.
    - 4.2.3 Incompatibilities of the AM Rio Plan of 1981.
5. Topics for the WRC 97.
  - 5.1 Appendices 30 and 30A.
  - 5.2 HFBC.
6. Commercial Topics.
  - 6.1 Availability of consumer products.
7. Future Works.
8. Other matters.  
ITU Coordination
9. Date, Agenda and Place of the next meeting.
10. Approval of the Final Report.

## II. AUTHORITIES OF THE MEETING

Chairman of PCC.II: Mr. Ralph Zeitoun

Vice Chairman of PCC.II: Mr. Osvaldo Beunza

Executive Secretary: Mr. Roberto Blois (OAS/CITEL)

Chairman of the Drafting  
Working Group of the Final  
Report Mr. Roman Leon Oliveros (Venezuela)

Participants: Mr. Edward Reinhart (USA)  
Mr. Royce Trenholm (Canada)

Mr. William M. Moran (CITEL)

## III. RESOLUTIONS

### PCC.II/RES.3 (II-96)

#### THE ESTABLISHMENT OF A WORKING GROUP ON THE REVIEW OF THE MANDATE AND WORKING METHODS TO DEVELOP A FUTURE VISION FOR PCC.II

The Second Meeting of the Permanent Consultative Committee II: Broadcasting,

#### WHEREAS,

1. The importance of broadcasting and other telecommunication services in the economic and social development of nations;
2. The technological and economic changes have created a new scenario which the PCC.II, as a forum for the technical and regulatory issues, must respond to by promptly establishing new strategic objectives and work programmes that will place it at the forefront of this complex process;
3. Looking towards the future means wisely supporting and combining the main pillars of this ongoing process: technology or supply, market or demand, and strategies and regulations;
4. The success of this outlook requires the vigorous and systematic implementation of programmes aimed at: furthering technological and regulatory progress, and fostering the participation of regulatory and

economic factors that support the creative and beneficial use of this technological revolution under conditions of fairness and mutual advantage for all the region's countries;

5. A strong commitment by all Administrations in the Region is required to strengthen the common objectives of these services, in view of the growing convergence of technologies resulting from the digitization of all the components of broadcasting and telecommunications that is moving beyond the present regulatory concepts and is erasing boundaries between services, and the significant advances in the provision of new broadcasting modalities;
6. The PCC.II must play a considerably wider key role as a technical and strategic forum to encourage and shape the discussion and promotion of new broadcast technologies and services in this area; and
7. The active participation of the organizations representing the producers and operators of these technologies and services within the PCC.II is essential;

#### **RESOLVES:**

1.- To set up a Working Group, to be chaired by Mr. José Gregorio González of Venezuela, with the following terms of reference:

a.- To investigate ways for PCC.II to encourage, through forums of the mass media and broadcasting authorities, the adoption of a region-wide commitment to the promotion, expansion and eventual operation of these services and technologies in the Americas.

b.- To present proposals for the reformulation of the mandate of the PCC.II and its working methods to make it more responsive to current and foreseeable technological changes:

c.- To put before the Committee initiatives to encourage increasing involvement at all levels and stages of the work of the Committee. The Working Group will, among other things, develop new work methods for:

c.1.- Improving the process for preparing the Agenda, including the prior involvement of the Administrations and changes in the format of the Meeting (seminars, exhibitions and the use of audiovisual and computer aides, among others).

c.2.- Promoting the membership of suppliers of broadcasting and mass media services, among others, such as cable TV operators, by means of initiatives such as advertising and the presence of personalities from government and business.

d.- To recommend the adoption of short- and medium-term work programs covering service or technology issues as they relate to broadcasting, as described in Annex 1. These services or technology aspects can be analyzed from the strategic, regulatory, technological and economic points of view to facilitate decision-making by the Committee and Administrations of the Region.

2. To invite all Administrations and Associate Members of the Region to take an active part in the work of this Group. Initially, Argentina, Ecuador, United States, Trinidad and Tobago, Suriname and Venezuela

expressed their intention of taking part in the Group's activities.

### ANNEX-1

The following list of services or technology aspects represents the state of the art in our sector. However, this is a dynamic situation and the list should, therefore, be considered open and subject to continuous updates to reflect the strategic, regulatory, technological and economic developments and approaches of the countries of our Region.

- i)** Interactive multimedia services via satellite
- ii)** New cable TV systems
- iii)** Video on demand
- iv)** Coordination standards for new technologies, such as Direct to Home (DTH), Digital Audio Broadcast (DAB), Standards for Digital Video, such as the Motion Pictures Experts Group-2 (MPEG-2)
- v)** News gathering services
- vi)** Convergence of technologies
- vii)** Wireless cable television and cable-assisted techniques
- viii)** Internet as a conduit for multimedia
- ix)** Regulatory issues
- x)** Marketing
- xi)** Security
- xii)** Intellectual property
- xiii)** New equipment requirements
- xiv)** Digital sound broadcasting
- xv)** Frequency allocations for Direct Satellite Broadcast (DSB) and other future direct satellite communications services (DSCS)
- xvi)** Business TV
- xvii)** Transport of video images over Asynchronous Transfer Mode (ATM) networks
- xviii)** Ways for content development promotion

**PCC.II/RES.4 (II-96)**

**ESTABLISHMENT OF A WORKING GROUP FOR  
LOCAL MULTIPOINT DISTRIBUTION SERVICE (LMDS)**

The Second Meeting of Permanent Consultative Committee II: Broadcasting,

**CONSIDERING:**

- 1.The advantages to be gained by member countries from the implementation of Local Multipoint Distribution systems,
- 2.The need to ensure that there is an orderly implementation of this new service in the Americas in order to ensure efficient use of the frequency spectrum and to ensure interference free operation of this service

**RECOGNIZING:**

The advantages to be gained by having consistent standards for LMDS implementation in the member countries of CITEL

**RESOLVES:**

- 1.To establish a Working Group to study the various aspects of the implementation of LMDS in the Americas and limit it to Video Broadcasting Service and other related services.<sup>1</sup>
- 2.To designate Mr. Winston Ragbir of the Republic of Trinidad and Tobago as chairman of this Working Group<sup>2</sup>.
- 3.To coordinate with PCC.III the results of their studies.
- 4.That the Terms of Reference will be:
  - a.To study the most appropriate frequency allocation for the LMDS and to coordinate its conclusions with PCC.III.
  - b.To coordinate the standardization of technologies for implementation.
  - c.To prepare guidelines for the uniform implementation of LMDS in the Americas.

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<sup>1</sup>Such studies must be coordinated with PCC.III when it is the case.

<sup>2</sup>Participation in the working Group is open to all members and Associate members of PCC.II. The countries that have indicated they will participate in the Working Group are: Suriname, Trinidad and Tobago, the United States, Venezuela, and Ecuador.

PCC.II/RES.5 (II-96)

**PARTICIPATION OF ASSOCIATE MEMBERS IN PCC.II**

The Second Meeting of the Permanent Consultative Committee II: Broadcasting,

**CONSIDERING:**

1. That at the present time, telecommunication technology is evolving rapidly and is resulting in a complete transformation of the broadcasting environment.
2. The importance of having members of the broadcasting associations participate in the activities of PCC.II to the benefit of all concerned.

**RESOLVES:**

To urge member countries to contact industries and associations in their countries with the objective of encouraging their participation in the meetings of PCC.II.

**INSTRUCTS:**

The Executive Secretary to provide the members of PCC.II with the information regarding the benefits of Associate Membership in CITELE and the procedures to be followed by private sector entities in applying for associate membership in order to facilitate this activity.

PCC.II/RES.6 (II-96)

**DRAFT AGENDA, PLACE AND DATE OF THE THIRD MEETING OF  
PERMANENT CONSULTATIVE COMMITTEE II (PCC.II)**

The Second Meeting of the Permanent Consultative Committee II: Broadcasting,

**RESOLVES:**

1. To convene the Third meeting of Permanent Consultative Committee II (PCC.II) in the Republic of Trinidad and Tobago (pending final confirmation) 17-21 February 1997.
2. To give initial approval to the draft agenda for the meeting that is annexed to this resolution.

**ANNEX****Draft Agenda**  
Third Meeting of PCC.II  
February 17-21, 1997

1. Approval of the Agenda.
2. Opening remarks
3. Reports from the PCC.II Working Group Chairmen
4. Organization and structure of the Meeting.
  - 4.1 Creation of the drafting Group for the Final Report.
5. Television Broadcasting.
  - 5.1 Advanced TV Broadcasting. (ATV)
  - 5.2 Digital video compression.
  - 5.3 Direct Broadcast Satellites. (DBS/DTH)
  - 5.4 Local Multipoint Distribution Systems (LMDS).
- 5.5 Television Distribution By Cable
6. Sound Broadcasting.
  - 6.1 Digital Broadcasting.
  - 6.2 Auxiliary Services.
  - 6.3 Incompatibilities in the AM Rio Plan of 1981.
7. Topics for the WRC 97.
  - 7.1 Appendices 30 and 30A.
  - 7.2 HFBC
8. Availability of consumer products.
9. Review of the Terms of Reference for PCC.II.
10. Future Work Program for PCC.II
11. Consideration of Proposed Modifications of the CITEL Regulations
12. Consideration of ways to increase the participation of Associate Members in the activities PCC.II
13. Coordination of work with the ITU-R
14. Other matters
15. Date, Agenda and Place of the next meeting.
16. Approval of the Final Report.

**PCC.II/RES.7 (II-96)**

**ANALYSIS AND IMPLEMENTATION OF DIGITAL  
SOUND BROADCASTING SYSTEMS**

The Second Meeting of the Permanent Consultative Committee II: Broadcasting,

**WHEREAS:**

1. Several of the Region's governments, in compliance with the mandate handed down by the 1st Meeting of the Permanent Consultative Committee II and in accordance with their development plans, have proposed to implement digital audio broadcasting services in the next few years.
2. Some of these services may be provided on a cross border basis, which means their implementation should be studied in a multilateral setting as suggested at the 1st Meeting of the PCC.II
3. The following issues, among others, need to be studied in depth:
  - i) the impact on the Radio Spectrum,
  - ii) the general features of the systems and
  - iii) band sharing.

**RESOLVES:**

To reinitiate and pursue the following activities, among others, through the Digital Sound Broadcasting Working Group:

- i. The compilation of the relevant technical information.
- ii. The study and analysis of the radio spectrum associated with the service bands and related frequency sharing issues.<sup>3</sup>
- iii. The study of ongoing and future technologies.
- iv. The thorough analysis of the experiences of other governments.

**INSTRUCTS:**

The Executive Secretary to send this resolution to the Chairman of the Digital Sound Broadcasting Working Group.

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<sup>3</sup>Coordination with PCC.III will be necessary in carrying out the sharing studies.

**PCC.II/RES.8 (II-96)****RESOLUTION OF INCOMPATIBILITIES RESULTING FROM THE 1981 AM RIO PLAN**

The Second Meeting of the Permanent Consultative Committee II: Broadcasting,

**WHEREAS:**

- 1.The 1981 Rio Plan was developed with a view to solving the interference problems being experienced by and plan for growth for AM sound broadcasting stations in Region 2;
- 2.A number of Administrations in Region 2 have solved problems of incompatibility among AM radio stations through bilateral or multilateral agreements;
- 3.Said bilateral or multilateral agreements have managed to reduce and minimize the problems of incompatibility among AM radio stations, resulting in the more efficient and rational use of the Radio Spectrum;
- 4.The First Meeting of the Permanent Consultative Committee II: Broadcasting, held in Ottawa, Canada, August 1994, directed the “Working Group on the Coordination of Incompatibilities of the 1981 Rio de Janeiro AM Plan” to continue efforts to take action required to solve the incompatibilities in Region 2;
- 5.At the Second Meeting of the Permanent Consultative Committee II: Broadcasting held April 30-May 3, 1996 in Puerto La Cruz, Venezuela, the Chairman of the Working Group on the Coordination of Incompatibilities of the 1981 Rio de Janeiro AM Plan reported that for several reasons the group was unable to make progress on this subject;
- 6.The Chairman of the Working Group noted the need for commitment by Administrations if the Working Group were to be successful in any future efforts;
- 7.Interest was expressed by some Administrations at the meeting to continue the efforts of the Working Group;

**RESOLVES:**

- 1.That the Chairman of PCC.II use the attached text as a guide for a letter to be sent to all CITEL members to gauge the degree of interest of Region 2 countries in the application of the Broadcasting Agreement on Hectometric frequencies, to justify continuing work on resolving the 1981 Rio incompatibilities;
- 2.That during the period awaiting the response of the letter, the Working Group will develop a document including the actions required to solve problems of incompatibility in the MF band by means of bilateral or multilateral agreements with a view to reducing and/or eliminating said problems and achieving, thereby, a more efficient and rational use of the radiofrequency spectrum; and
- 3.That the Working Group shall compile a list of existing incompatibilities in the Region, do a follow-up to

ascertain the status of same, act as facilitator for the exchange of information among the Administrations, and serve as a consultative body for those Administrations that are interested.

4. That this work will be done by correspondence.

#### Open Letter to member Countries of CITEL

Dear Sirs:

At the Second Meeting of the Permanent Consultative Committee II: Broadcasting, held in Puerto La Cruz, Venezuela, April 30 to May 3, 1996, there was considerable discussion regarding solving AM station incompatibilities among 1981 AM Rio Plan countries. The Chairman of the Working Group on the Coordination of Incompatibilities of the 1981 Rio de Janeiro AM Plan noted that recent efforts to make progress on the subject had not been successful.

There was further discussion based on the report by the Chairman and the document (PCC.II-65/96) submitted by the delegation of Venezuela. A number of Administrations expressed their concern over the lack of full implementation of the 1981 Rio Plan objectives. Because of minimal response and support by Administrations, there was a question as to whether there was sufficient interest in region 2 for continuing the work on this subject.

Consequently, it was decided to consult all CITEL members regarding their possible interest in this subject and whether, in addition to their support, they could offer a firm commitment and their full cooperation to the Working Group to enable it to accomplish its mandate.

I, therefore, urge you to let me know at your earliest convenience (hopefully in the next ... days/months) whether you are interested in this subject and if you would be willing to commit yourselves fully to taking part in any future work established by the Working Group on the Coordination of Incompatibilities of the 1981 Rio de Janeiro AM Plan. If there is sufficient favorable response to this letter, I will instruct the Chairman of the Working Group to proceed with plans to step up efforts on this issue.

In anticipation of a favorable response, I have instructed the Working Group: I) to develop a document which would include the actions required to solve problems of incompatibility in the AM band by means of bilateral or multilateral agreements with a view to reducing and/or eliminating said problems and achieving, thereby, a more efficient and rational use of the Radioelectric Spectrum; ii) to compile a list of existing incompatibilities in the region; iii) do a follow-up to ascertain the status of same; iv) act as facilitator for the exchange of information among the Administrations, and v) serve as a consultative body for those Administrations that are interested.

I would also remind you that at its first meeting held in August 1994, in Ottawa, PCC.II felt it necessary to urge all member Administrations of CITEL to make the strongest possible effort to analyze the present and future status of broadcasting in their countries, and to forward all comments to the Chairman of PCC.II, in particular any suggestions regarding topics this Committee should deal with in the future. Among the suggested topics of interest are: incompatibilities of RJ81 and possible solutions; consolidation of technical

standards in radio broadcasting; new technologies in radio broadcasting; technical assistance and updating of databases.

I thank you for your consideration of this matter, which is of extreme importance to all Administrations in Region 2, and look forward to receiving your response at the earliest opportunity.

Very cordially,

Ralph Zeitoun  
Chairman, PCC.II

(... address for replies...)

#### **IV. DECISIONS**

##### **PCC.II/DEC.1 (II-96)**

In response to a request from PCC.III (Document PCC.II-55/96), the plenary decided to appoint two Chapter Coordinators for the report on CITELE preparations for WRC-97 to be responsible for the coordination with PCC.III regarding the broadcasting issues associated with HFBC and Appendices 30 and 30A of the ITU Radio Regulations. These chapter coordinators will seek contributions from member countries on WRC-97 agenda items regarding Appendices 30 and 30A and HFBC in order to develop common CITELE positions on these matters and to draft language for the Report to be written by the working group of PCC.III in charge of WRC-97 preparations. The coordinators are:

##### **for Chapter 2 (HFBC):**

María Antonia Coronel  
Gerente de Radiodifusión  
Comisión Nacional de Telecomunicaciones  
Ministerio de Transporte y Comunicaciones  
Edificio MTC, Piso 5, Calle Veracruz con Cali Las Mercedes  
Caracas, Venezuela  
tel: 582 92 67 68  
fax: 582 993 55 25

##### **for Chapter 6 (Appendices 30 and 30A):**

José Vivanco  
Director de Gestión Internacional  
Superintendencia De Telecomunicaciones  
Av. 9 de Octubre 1745 y Berlín  
Quito, Ecuador  
tel: 593 2 566 748  
fax: 593 2 220 786/ 566 688

**PCC.II/DEC.2 (II-96)**

After consideration of Document PCC.II-45/96 on the Use of “Associate Member Funds” the meeting decided to adopt the same guidelines as were adopted by PCC.III. These guidelines are contained in document PCC.II- 45/96.

**PCC.II/DEC.3 (II-96)**

After consideration of Document PCC.II-44/96 on Human Resource Development, the meeting decided to indicate its support for the holding of a meeting of the Regional Centers during the August 1996 meeting of PCC.III in compliance with COM/CITEL Resolution RES.19(III-95). The Executive Secretary is to inform the Chairman of PCC.III and the CITEL Coordinator for Human Resources Development of this decision.

**PCC.II/DEC.4 (II-96)**

Member countries present at the Second Meeting of the Permanent Consultative Committee II agreed that it would be very useful to have a handbook on Broadcasting Satellites.

Accordingly, the meeting decided to support the preparation of the ITU-R Handbook on Broadcasting Satellite Systems and Technology now under consideration by a Special Rapporteur Group of ITU-R Working Party 10-11S, with a view to publication in the 1997-1998 timeframe.

The Executive Secretary will inform the ITU about this decision prior to October 1996.

**VLIST OF THE BASIC DOCUMENTS RESULTING FROM THE THIRD MEETING OF PCC.II:  
BROADCASTING**

Report of the meeting: Agenda, Authorities, Resolutions, Decisions and List of the basic documents resulting from the meeting: PCC.II-76/96 rev. 1.

Summary Minutes of the First and Second Plenary Sessions: PCC.II-71/96 rev. 3.

Summary Minutes of the Third, Fourth and Fifth Plenary Sessions: PCC.II-75/96.

List of Documents: PCC.II-36/96 rev.2.

List of Participants: PCC.II-39/96 rev.1.