



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

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

**I MEETING OF PERMANENT
CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS
INCLUDING BROADCASTING
February 3-7, 2003
Orlando, Florida, United States**

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FINAL REPORT

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FINAL REPORT

I MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS INCLUDING BROADCASTING

The I Meeting of the Permanent Consultative Committee II: Radiocommunications including Broadcasting was held in Orlando, Florida, United States, February 3-7, 2003.

I. AGENDA¹

1. Approval of the Agenda and Calendar.
2. Appointment of the Drafting Group for the Final Report.
3. Working methods of PCC.II.
4. Report of the III Assembly of CITEL.
5. Meeting and Report of Working Groups and Ad Hoc Groups on the following topics:
 - 5.1 World Radiocommunication Conference (Issues of Radiocommunications and Broadcasting).
 - 5.2 Satellite systems to provide fixed and mobile services.
 - 5.3 Terrestrial Fixed and Mobile Radiocommunication Services.
 - 5.4 ITU Radiocommunication Assembly and Radiocommunication Advisory Group Matters.
 - 5.5 Digital Sound Broadcasting
 - 5.6 Coordination of Incompatibilities of the 1981 Rio de Janeiro Plan
 - 5.7 Implementation of the Digital Terrestrial Television Service
 - 5.8 Coordination of the activities resulting from the AHCIET proposed study
6. Report of the tasks realized in coordination with ITU.
7. Agenda, Venue and Date of the II Meeting of PCC.II.
8. Other matters
9. Approval of the Final Report of the I Meeting

II. AUTHORITIES OF THE MEETING

| | |
|----------------------------|---|
| Chairman | Mikhail Marsiglia (Venezuela) |
| Executive Secretary | Clovis Baptista (CITEL) |
| Draft Working Group | |
| Chairman | Carmelo Rivera (United States) |
| Members | Bun-Ret Ly (Canada) Marianella Bonilla Carvallo (Venezuela) Sabino Ernesto Montanaro (Paraguay) |

¹ Document PCC.II/doc.03cor1.

III. RESOLUTIONS

PCC.II/RES. 1 (I-03)²

DEVELOPMENT OF BROADBAND VIA SATELLITE IN THE AMERICAS

The I 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 work to complete the development of a Hemispheric Web site including each country's requirements and forms of application for licensing to provide satellite-based telecommunications services”;
- 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 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 Seminar on Broadband Services by Satellite held in the first Meeting of the PCC.II: Radiocommunications including Broadcasting in Orlando, Florida, United States,

RESOLVES:

1. To recommend that the 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. To recommend that the CITELE administrations consider the use of broadband as a way to support integration and national growth, within their economic and social development projects.
3. To invite the administrations to consider the preliminary list of points contained in the Report of the Seminar on Broadband Services by Satellite of the first meeting of the PCC.II held in Orlando, Florida, United States, and prepared by the Coordinator (Document PCC.II/doc.183/03) within their regulatory framework.

² Document CCP.II-RADIO/doc.182/03cor.1

4. To establish a discussion group within CITEL's electronic forum, having the purpose of preparing draft guidelines for the implementation of regulations that favor the deployment of the broadband systems by satellite.
5. To task Mr. Alonso Picazo, Vice Chair of the SubGroup of Fixed Satellite Services, with the coordination of this Group.
6. To analyze the draft referred to above (resolves 4) during a half-day Round Table to be held during the II Meeting of PCC.II in agreement with Resolution PCC.II/RES.86(XII-99)), in which experts in the field will participate as well as the persons responsible for satellite matters of each Administration.
7. To invite regulatory specialists of the Administrations and Associate Members to participate in this task.

INSTRUCTS THE SECRETARIAT OF CITEL:

To send this resolution to all of CITEL's Member States and Associate Members inviting them to participate.

PCC.II/RES. 2 (I-03)³

**POWER FLUX-DENSITY (PFD) LIMITS IN THE BANDS 37.5-40 GHZ FOR THE
FIXED-SATELLITE SERVICE**

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

CONSIDERING:

- a) That WRC-2000 established provisional pfd limits for the fixed-satellite service (FSS) (space-to-Earth), the mobile-satellite service (space-to-Earth) and the broadcasting-satellite service (BSS) in the bands 37.5-40 GHz and 40.5-42.5 GHz;
- b) That Resolution **84** (WRC-2000) identified the need to protect certain high-density fixed service (FS) systems in the band 37.5-40 GHz in Region 2 by resolving that before an Administration brings into use in Region 2 a frequency assignment for a GSO FSS network in the band 37.5-40 GHz, it shall seek agreement of any Administration in Region 2 on whose territory the pfd levels exceed the Table **21-4** values minus 12 dB;
- c) That Resolution **84** (WRC-2000) invited the ITU-R to study:

³ Document CCP.II-RADIO/doc. 182/03 cor.1

- 1) the adequacy of the pfd limits to protect the FS in the bands 37.5-40 GHz and 40.5-42.5 GHz from FSS and MSS space-to-Earth transmissions;
 - 2) the technical and operational characteristics and pfd values for the BSS in the range 40.5-42.5 GHz, and
 - 3) in the bands 37.5-40 GHz and 42-42.5 GHz, the nominal clear-sky pfd levels, and the percentage of time during which the pfd may be exceeded to overcome fading conditions between the satellite and one or more geographically separated Earth stations in order to protect the FS while permitting operation of FSS Earth stations using, for example, coordinated large antennas;
- d) That ITU-R has confirmed the technical characteristics of the BSS and MSS satellites in the 40 GHz range are understood to be sufficiently similar to those of FSS satellites as to permit the analyses and pfd results applicable to FSS/FS sharing to apply as well to the BSS and MSS sharing cases;
 - e) That ITU-R has confirmed the provisional pfd limits established by WRC-2000 in Table **21-4** for the FSS, MSS and BSS but notes that some administrations in Region 2 have determined that it will be necessary for a GSO FSS satellite providing services within their territory to reduce the pfd levels that are produced during clear-sky operation by 12 dB from the levels in Table **21-4** in order to adequately protect certain broadband wireless access FS deployments in the band 37.5-40 GHz, and
 - f) That it is desirable to provide guidance to the Member States of CITEL on principles governing the use of the band 37.5-40 GHz in Region 2,

TAKING INTO ACCOUNT:

- a) That the use of downlink fade compensation techniques by FSS systems may affect the performance of FS and FSS links operating in unfaded conditions in the same frequency band;
- b) That the use of downlink fade compensation techniques affects the design of FSS links, and
- c) That the pfd from any FSS satellite should be at the level required to meet the designed FSS link availability and performance objectives, recognizing the sharing conditions with the FS,

RESOLVES:

That the Annex be utilised as guidance in establishing principles to govern the use of the band 37.5-40 GHz by the fixed and fixed-satellite services,

INVITES MEMBER STATES OF CITEL:

To participate in studies to determine the appropriate value of downlink power control by the FSS in the band 37.5-40 GHz in Region 2,

INSTRUCTS THE EXECUTIVE SECRETARY:

To send this Resolution to the Member Administrations of CITEL.

ANNEX

PRINCIPLES TO GOVERN THE USE OF THE BAND 37.5-40 GHz BY THE MEMBER STATES OF CITEL

CITEL Member States:

- (1) will obtain concurrence of affected Administrations before authorizing a frequency assignment for an FSS network in the 37.5-40 GHz band if such an FSS network would produce a power flux-density in excess of the values in Table **21-4** minus 12 dB in the affected country's territory, noting that the -12 dB value is subject to review as per item (3) below;
- (2) will consider the results of technical studies with regard to the appropriate value of downlink power control and adjust the criteria in item (1) above if warranted and agreed upon;
- (3) will take steps to reflect these principles in their respective domestic policies to ensure that operators of satellite systems wishing to implement services will be aware of their responsibilities and requirements;
- (4) recognize that each Administration is free to declare that it is under no obligation to accept the provision of FSS within its territory if it believes that emissions from satellites providing services in its territory would cause unacceptable interference to its terrestrial services in the bands 37.5-40 GHz;
- (5) recognize that these principles are subject to review at any time at the request of any CITEL Member State.

PCC.II/RES. 3 (I-03)⁴

AGENDA, VENUE AND DATE OF THE II MEETING

The I Meeting of the Permanent Consultative Committee I: Radiocommunications including Broadcasting;

RESOLVES:

1. To hold the II Meeting of PCC.II in El Salvador, 20 to 24 October 2003.
2. To approve the Draft Agenda for the II 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 II Meeting of PCC.II.
7. Other matters.
8. Approval of the Final Report of the II Meeting.

⁴ Document CCP.II/doc.211/03

PCC.II/RES. 4 (I-03)⁵

ORGANIZATION AND TERMS OF REFERENCE OF PCC.II

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

CONSIDERING:

- a) That Resolution CITEL/RES.43 (III-02) issued by the CITEL Assembly, establishes the Permanent Consultative Committee II: Radiocommunications including Broadcasting, and
- b) That the goal of PCC.II: Radiocommunications including Broadcasting, is to act as a technical advisor body within the Inter-American Telecommunication Commission with respect to the coordination and harmonization of standards related to spectrum use and the planning and efficient use of the radio frequency spectrum and satellite orbits for radiocommunication services, including broadcasting,

RESOLVES:

1. To create three vice presidencies, one vice presidency for Argentina, another vice presidency will be filled by Mexico and a third will be defined later.
2. To establish for the II PCC.II Meeting the structure indicated in annex 1 to this resolution, with the respective terms of reference by Working Group.
3. That the chairs of each Working Group shall prepare and present, to the second PCC.II Meeting, their respective reports to the chair of the Permanent Consultative Committee II: Radiocommunications including Broadcasting.
4. To request the Chair to send letters of gratitude to the administrations that headed working groups and contributed, with their work, to the development of telecommunications in the region.
5. To revoke resolutions PCC.II/RES.1 (I-94), PCC.II/RES.2 (I-94), PCC.II/RES.22 (V-99), PCC.II/RES.30 (V-99), PCC.III/RES.2 (I-94) and PCC.III/RES.113 (XVII-01).

⁵ Document CCP.II/doc.178/03 rev.5

ANNEX I

WORKING GROUPS AND THEIR TERMS OF REFERENCE

1) WORKING GROUP FOR THE PREPARATION OF CITEL FOR REGIONAL AND WORLD RADIOCOMMUNICATION CONFERENCES

Chairperson: CANADA

Vice chairperson: ARGENTINA

TERMS OF REFERENCE:

- a. Coordinate the development of common proposals and Inter- American proposals on issues related to Radiocommunication and Broadcasting to be addressed by ITU Regional and World Radiocommunication Conferences.
- b. Coordinate the relationship and information exchange with other regions on issues under its responsibility.
- c. Coordinate CITEL's work during Regional and World Radiocommunication Conference.
- d. Coordinate mutual interest topics with other PCC.II Working Groups.

2) WORKING GROUP ON TERRESTRIAL FIXED AND MOBILE RADIOCOMMUNICATION SERVICES

Chairperson: BRAZIL

Vice chairperson: GUATEMALA

Vice chairperson: URUGUAY

TERMS OF REFERENCE

- a. To identify the current status of radio frequency use, particularly in Region 2, as well as to develop resolutions and recommendations for the harmonization of spectrum usage for terrestrial fixed and mobile radiocommunication services;
- b. To follow the activities and studies being conducted at the ITU, particularly in the Radiocommunication and Telecommunication sectors, recognizing the complementary roles of the sectors, in order to develop positions on topics in Radiocommunication including standards that will be considered at the ITU Working Groups;
- c. To prepare guidelines regarding the use and sharing of radio frequency, including channeling and frequency arrangements;
- d. To collect and provide technical information regarding new technologies and services to the Administrations of Region 2;

3) WORKING GROUP RELATIVE TO SATELLITE SYSTEMS TO PROVIDE FIXED AND MOBILE SERVICES

Chairperson: PERU

Vice chairperson: MEXICO

Vice chairperson: EL SALVADOR

TERMS OF REFERENCE:

- a. Analyze the adoption of technologies that enable to meet the requirements of the Member States;
- b. Provide information to the Member States of results obtained in the area of satellites by the World Radiocommunication Conferences;
- c. Analyze the implementation of satellite systems by the CITELE Member Countries, taking into account, *inter alia*, the following points;
 - c.1. use of the radio frequency spectrum;
 - c.2. possible criteria for sharing frequency bands for the interoperability of satellite systems and other services;
 - c.3. procedures for coordination in keeping with those of ITU-R;
 - c.4. implementation of the Global Mobile Personal Communications by Satellite ("GMPCS") Memorandum of Understanding and Arrangements.
- d. Propose information mechanisms for the CITELE Member Countries that, *inter alia*, cover:
 - d.1. technical standards;
 - d.2. regulatory framework;
 - d.3. interconnection criteria;
 - d.4. operation networks;
 - d.5. migration processes ;
 - d.6. existing providers and technologies on the market;
 - d.7. unhindered circulation of GMPCS terminals across borders;
 - d.8. services transmitted through satellite systems.

4) WORKING GROUP ON BROADCASTING

Chairperson: UNITED STATES

Vice chairperson: BRAZIL

Vice chairperson: PERU

RAPPOORTEUR ON THE RIO 1981 PLAN: UNITED STATES

RAPPOORTEUR ON DTV: COLOMBIA

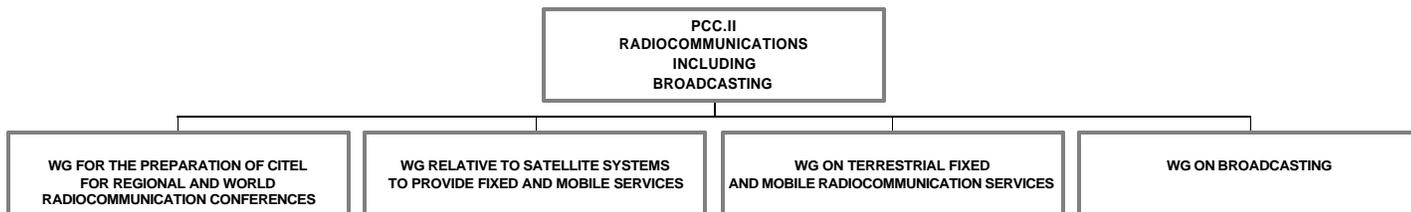
RAPPOORTEUR ON DIGITAL AUDIO BROADCASTING: MEXICO

TERMS OF REFERENCE:

- a. Coordination and harmonization of the standards related to the use of the spectrum, as well as planning and efficient use of the radioelectric spectrum and satellite orbits for broadcasting services
- b. Stimulate and foster the development of broadcasting services
- c. Collection of relevant technical information
- d. Study and analysis of the Radioelectric Spectrum associated with frequency bands allocated to services, and issues related to the frequency sharing.
- e. Study of present and future technologies.

- f. In-depth analysis of experiences of other Administrations.
- g. Promotion of harmonization of relevant Standards among Member States of the Region, in order to facilitate coordination.
- h. To identify the current status of DTV at the regional level, as well as implementation projects for these systems.
- i. To follow up the activities and studies being conducted at the ITU, particularly those related to Region 2, and the studies undertaken within the environment of sub-regional organizations.
- j. To compile agreements, conventions, working documents, recommendations, experimental tests and results of test measurements carried out by the states and sub-regions, for the purpose of making them available to the Member States of the PCC.II of CITELE.
- k. To evaluate the outcome of test programs.
- l. To prepare guidelines according to the particular conditions in each country, for a more orderly implementation of services in Region 2.
- m. To promote an adequate information exchange with sectors developing specific work on these issues.
- n. To follow up standards in order to determine those that would be most suitable for meeting the needs of Region 2.
- o. To provide for the presentation of reports covering the above mentioned issues.
- p. Take the necessary actions to resolve the incompatibilities in the 1981 Rio de Janeiro Plan.

ANNEX 2: PCC.II STRUCTURE



PCC.II/RES. 5 (I-03)⁶

JOINT AHCIIET-CITEL BROADBAND WIRELESS ACCESS SEMINARS

The I 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 cooperative agreement with AHCIIET 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 AHCIIET 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 AHCIIET proposed study;
- c) That CITEL Member States and Associate Members have much to share with one another, and to consider based on experiences in broadband wireless deployment both inside and outside of the Americas;
- d) That convening seminars on broadband technology and regulation – with a focus on facilitating broadband deployment – will provide much needed information and background to all CITEL administrations, and
- e) That this Wireless Broadband Access are part of the Action Plan of the Ad-Hoc WG contained in document CCP.II-RADIO/doc.146 (I-03),

FURTHER CONSIDERING:

That the results of seminars on broadband wireless access can assist PCC.II in determining its future work program to promote broadband wireless access in the Americas,

RESOLVES:

1. To conduct a two-part series of Joint AHCIIET-CITEL Broadband Wireless Access Seminars to foster the exchange of information and sharing of experiences related to broadband wireless access development; the role of government; opportunities and challenges of broadband wireless access deployment; and, issues of business facilitation, human resource development, and economic development faced by governments and industry in broadband rollout as part of the studies.
2. To hold the first seminar over a two-day period at the second meeting of PCC.II and will concentrate on wireless broadband infrastructure development and explore relevant issues in presentations and discussions.
3. That the objectives of the first seminar will be:

⁶ Document CCP.II/doc.194/03 rev.1

- a. broadband as a "leapfrog" technology and the various technologies available and being utilized for delivering wireless broadband access (technology neutral approach to development),
 - b. proven real life examples of the social and economic benefits of wireless broadband deployment,
 - c. deployment of wireless broadband infrastructure as a development strategy, particularly in underserved areas, and
 - d. lessons learned/experienced to date in wireless broadband deployment.
4. To establish the agenda and date for the second seminar will be established after the conclusion of the first seminar based upon its findings and address regulatory issues related to wireless broadband deployment;
5. To continue the activities of the Ad-hoc Group to coordinate the activities resulting from the AHCIET proposed study chaired by Mr. Eduardo Gabelloni from Argentina.
6. To entrust the coordination of the first seminar to Mr. Charles Glass from USA who remains as vice-chair of the Ad-Hoc Group.
7. To request the group to use the discussion Forum established for the Ad Hoc Group to facilitate the coordination of the seminar.
8. To hold the seminars in compliance with Resolution PCC.III/RES.86 (XII-99) "Concerning procedures for the organization of seminars".
9. To request administrations and associate members interested in participating in the Seminar to contact the coordinator.

INSTRUCTS THE EXECUTIVE SECRETARIAT:

To forward this resolution to all Member States and associate members of CITEL, urging them to participate in the Seminar.

PCC.II/RES. 6 (I-03)⁷

**NOMINATION OF A RAPPORTEUR TO FOLLOW THE PROCESS COORDINATED BY
ITU-R TO DEVELOP A REPORT ON SPECTRUM VISION FOR THE FIXED SERVICE**

The I meeting of the Permanent Consultative Committee II: Radio Communications including Broadcasting,

CONSIDERING:

- a) That ITU-R Working Party 9B is developing a report on spectrum vision for the fixed service under Question ITU-R 221/9;
- b) That ITU-R Working Party 9B Chair appointed a Rapporteur for each Region with a mandate to develop a report representing the views of their regional Administrations on this issue, and
- c) That, under decision PCC.III/DEC.53 (XXI-02), some CITELE Administrations prepared a Report on Spectrum Vision for the Fixed Service (CCP.II-RADIO/doc.191/03) representing their views concerning the spectrum vision for the fixed service,

RESOLVES:

To appoint Ms. Jina MacEachern of the Administration of Canada as a CITELE Rapporteur to the next Working Party 9B meeting in April 2003, with the following instructions:

- a) To present the report attached to document CCP.II-RADIO/doc.191/03.
- b) To follow the work of ITU-R Working Party 9B on this issue.
- c) To submit a report to the II PCC.II meeting.

⁷ Document CCP.II-RADIO/doc.190/03 rev.1

IV. RECOMMENDATIONS

PCC.II/REC. 1 (I-02)⁸

TO CREATE INTERACTIVE WEB-SITES IN THE CITEL ADMINISTRATIONS

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

CONSIDERING:

- a) That is very important to create “Interactive Websites” in each Administration in order to facilitate the access to the authorization procedures for earth stations and to allow implementation of automatic systems for on line licensing of earth stations;
- b) That there are many different application forms and requirements to license VSATs in the CITEL Administrations, and
- c) That some Administrations already have interactive web-sites and automatic systems for licensing earth stations,

RECOMMENDS

That CITEL Administrations evaluate the development of interactive Websites as a first step to implementing automatic licensing systems within their jurisdictions,

INSTRUCTS THE FIXED SATELLITE SERVICE SUBGROUP:

To develop support mechanisms for assisting the Administrations taking into account the experience of CITEL Members that already have on line licensing of earth stations.

⁸ Document CCP.II-RADIO/doc.47/03 rev.1

V. DECISIONS

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

DECIDES:

PCC.II/DEC. 1 (I-03)⁹ To request the Executive Secretary to send the document CCP.II-RADIO/doc.167/03 "Preliminary information on satellite systems regulations" to the Member States, inviting Administrations to review, update and forward their information to the Secretariat of CITELE (e-mail: citel@oas.org) **no later than 31 March 2003.**

PCC.II/DEC. 2 (I-03)¹⁰ To request the Executive Secretary to re-send to the member States the attached questionnaire "Information on procedures for granting licenses for satellite systems", inviting Administrations that have not provided yet the requested information to convey the respective answers to the Secretariat of CITELE (e-mail: citel@oas.org) **no later than 30 May 2003.**

Questionnaire "Information on procedures for granting licenses for satellite systems":

- 1.- In your Administration, does the entity responsible for granting authorizations for the earth stations have an Internet website?
- 2.- If so, are the procedures for obtaining licenses published on this website?
- 3.- Does your Administration have an OSS-type system for granting licenses?
- 4.- If so, would your Administration be willing to be linked through an Internet website that allows a single access system?
- 5.- If your Administration does not have an Internet website, would it be willing to develop a website with the assistance of CITELE, including the possibility of authorizing the earth stations?
- 6.- If your Administration already has an Internet website that can grant on-line authorizations for the earth stations, would it be willing to develop a system jointly with CITELE or upgrade the current system to include this capacity?

⁹ Document CCP.II-RADIO/doc. 167/03

¹⁰ Document CCP.II-RADIO/doc. 92/03

7.- What functions should be met by an OSS in the Americas and what functions should not be included?

8.- Would your Administration agree to share the costs of a Regional OSS?

9.- Do you believe that the benefits of a Regional OSS would justify the development and maintenance costs of this system?

10.- Could your Administration suggest sources of financing for the development of the OSS?

11.- Where would be the most convenient place to “install and develop” the OSS?

12.- Who should be in charge of operating the OSS?

PCC.II/DEC. 3 (I-03)¹¹

To instruct the Executive Secretary to send the Member States the following questionnaire “Information on Terrestrial Millimeter Wave Systems (56-66 GHz Range)”, requesting Administrations to return it to the Executive Secretary no later than 1 October 2003.

Questionnaire: “Information on Terrestrial Millimeter Wave Systems (56-66 GHz Range)”

1. For what services, if any, is the band 56-66 GHz allocated in your Administration?
2. What national regulation, if any, currently applies to the authorization of 60 GHz point-to-point links?
3. What regulations could be applied or expanded to permit expeditious authorization of 60 GHz millimeter wave terrestrial technologies?
4. Is any high density, broadband fixed radio technology currently in use in your Administration? If so, please describe the technology (technologies) in use.

PCC.II/DEC. 4 (I-03)¹²

To instruct the Executive Secretary to send the Member States the basic questionnaire for research on digital television contained in document PCC.II-RADIO/doc.88/03 rev.1. The completed questionnaires shall be submitted to Mr. Larry Olson by August 15, 2003. The resulting information will be presented to the II meeting of PCC.II.

¹¹ Document CCP.II-RADIO/doc. 189/03

¹² Document CCP.II-RADIO/doc. 186/03

PCC.II/DEC. 5 (I-03)¹³

To instruct the Executive Secretary to send the following condolences to the Administration of Mexico:

The Inter-American Telecommunication Commission wishes to pay tribute to the professional skill and excellent work performed by Mr. Angel Cárdenas of the Administration of Mexico in the field addressed by this Commission. His contributions promoted the development of telecommunications in the Americas, and fostered coordination in efforts to achieve results. CITELE wishes to offer its most heartfelt condolences to the Administration of Mexico and, in particular, to Mr. Cardenas' family for this irreparable loss.

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.181/03

CCP.II-RADIO/doc.209/03

CCP.II-RADIO/doc. 212/03 rev.1

CCP.II-RADIO/doc. 1/03 rev.10

CCP.II-RADIO/doc. 2/03 rev.2

CCP.II-RADIO/doc. 213/03 rev.1

¹³ Document CCP.II-RADIO/doc. 212/03 rev.1