



Annual Report of the
Inter-American Telecommunication Commission

CITEL

1996



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1. Introduction

This report is being published in conformity with the provisions of Article 90 (f) of the Charter of the Organization of American States. That article stipulates that the bodies, agencies and entities of the OAS must submit to the OAS General Assembly annual reports on the status of their activities, budgets and expenses.

CITEL's Statute provides in Article 17 (j) , under Functions of COM/CITEL, that through the Secretary General, CITEL, must submit to the OAS General Assembly an annual report on the activities of CITEL, through the appropriate Council of the Organization.

The contents of this Report follow the guidelines set by the OAS General Assembly in resolution AG/RES.331 (VIII-O/78) for preparation of the annual reports on the activities of the organs, agencies, and entities of the Organization submitted for the consideration of the OAS General Assembly.

This report covers the period extending from the start of the third Meeting of the Permanent Executive Committee of CITEL (COM/CITEL and the VI meeting of the Permanent Consultative Committee III: Radiocommunications, PCC.III (12 December 1995 to 31 December 1996).

2. Origin and structure of CITEL

The Inter-American Telecommunication Commission (CITEL) is an entity of the Organization of American States established by the General Assembly resolution AG/RES.1224 (XXIII-O/93), in accordance with Article 52 of the Charter of the Organization. CITEL has technical autonomy in the performance of its functions, within the limits of the Charter of the Organization, its Statute and the mandates of the General Assembly of the Organization.

2.1 Structure of CITEL

- The CITEL Assembly
- The Permanent Executive Committee, COM/CITEL
- The Permanent Consultative Committees, PCC's:
 - Permanent Consultative Committee I: Public Telecommunication Services (PCC.I)
 - Permanent Consultative Committee II: Broadcasting (PCC.II)
 - Permanent Consultative Committee III: Radiocommunications (PCC.III)
- Executive Secretariat

The Consultative Committees establish Working Groups to analyze subjects of special interest for the Region. Chapter 3 has a detailed explanation of their activities during this year.

Resolution 8 of the I Assembly of CITEL also established a Steering Committee to assist in the management of the Commission.

2.2 Objectives of CITEL

The main objectives and functions of CITEL may be summarized as follows:

- a) To serve as the principal advisory body of the Organization in all matters related to telecommunications in the Americas.
- b) To facilitate and promote, by all means available to it, the continuing development of telecommunications in this hemisphere.
- c) To organize and sponsor the periodic holding of meetings of technicians and experts to study planning, financing, construction, operation, standardization, technical assistance, maintenance and other matters related to the use and operation of telecommunications in the Americas.
- d) To promote the adoption of uniform technical standards within the framework of global standardization of the International Telecommunication Union (ITU).
- e) To recommend studies and promote the adoption of official agreements between the governments of the member states of the Organization in connection with the planning, installation, maintenance and operation of telecommunications systems in the hemisphere
- f) To study the legal aspects of telecommunications, including the legal problems related to direct transmission via satellite, in order to prepare draft Inter-American conventions or agreements on these matters and to formulate a common position for the Member States of CITEL to take in this connection when dealing with the pertinent international agencies.
- g) To consider any other matter relating to Inter-American cooperation in the field of telecommunications as requested by the General Assembly or the Councils of the Organization.

2.3 Membership and participants

All the Member States of the Organization are Members of CITEL.

Also, may participate as Observers with the right to voice but without vote:

- Permanent Observers to the OAS;
- Subject to COM/CITEL's approval, those American States which are not members of the Organization and which have asked to participate in the meeting;
- Subject to COM/CITEL's approval, those non-American States that are members of the United Nations or its specialized agencies and which have asked to participate in the meeting;
- Inter-American specialized organizations and entities of the Organization; and Inter-American intergovernmental regional organizations;
- The United Nations and its specialized agencies;
- International and national organizations that are parties to agreements or arrangements establishing relations of cooperation with the Organization, with its organs or agencies when COM/CITEL so decides;
- Subject to COM/CITEL's approval, those international, regional, sub-regional and national agencies and organizations that are involved in telecommunications activities in the region and have asked to participate in the meeting.

The Statute adopted for CITEL in 1993 allows any recognized operating agency or scientific or industrial organization or financial or development institution related to the telecommunications

industry, with the approval of the corresponding member state of CITELE, to become an associate member of a Permanent Consultative Committee. Associate members may fully participate in all the activities of that Permanent Consultative Committee, with voice but without vote. See Chapter 13, part A, for a list of Associate members, updated 31 December 1996.

3. Activities of CITELE

The present structure of CITELE which is shown below has been established to response to the needs of member countries in promoting the development of telecommunications in the region. Telecommunications is a sector that has a direct impact in the social, economic and cultural development of countries. With its programs CITELE tries to direct the member countries for the establishment of technical and legal standards in relation to telecommunication services.

The telecommunication sector has experienced numerous changes due to:

- The technical advances that have allowed new services to be introduced and the globalization of many telecommunication services;
- The convergence of technologies that have introduced new participants in the telecommunications field; and
- The changes in the regulatory system and the increase of competition.

This chapter will explain the main activities that are currently being done and the way CITELE is answering to the increasing needs of coordination/compatibilization, development and information.

Please find below a detailed explanation of the results of CITELE meetings held in 1996 from the III Meeting of COM/CITEL to the VI Meeting of PCC.III.

3.1 Permanent Executive Committee of CITELE (COM/CITEL)

3.1.1 III Meeting

Chairman: Mr. Ernesto Dehl (Uruguay)
Vicechairman: Mr. José Vivanco Arias (Ecuador) representing Mr. Adolfo Loza (Ecuador)
Participant countries: Country members of COM/CITEL: Argentina, Brazil, Canada, Chile, Ecuador, Paraguay, United States of America, Uruguay, Venezuela
Country members of CITELE: Honduras, Mexico, Per, Dominican Republic, Surinam

The III Meeting of COM/CITEL was held on 12-15 December 1995, in Montevideo, Uruguay. The agenda was composed by 21 items and the meeting adopted 19 resolutions and one decision.

This meeting established the basic procedures to follow in preparing for the Meeting of Senior Telecommunication Officials but also considered the following items:

- To approve the draft budget and calendar for 1996. It was established that in 1996 there would be 9 meetings of CITELE Committees and Working Groups.
- To continue the activities with the goal to strengthen telecommunications in the region. In particular it was asked to the Working Group on Regional Telecommunications development to compile information on OAS activities that have an impact on the development of telecommunications and to study the ITU Buenos Aires Action Plan to identify the areas of main interest for the countries. The results of these analysis are going to be presented at the next COM/CITEL meeting showing the proceedings for CITELE to coordinate development activities.
- To harmonize activities between PCC.I and PCC.III in relation to wireless networks.
- To strengthen the relation between CITELE and international and regional organizations because it is fundamental to promote coordination taking into account for example the globalization of operations.
- To identify the minimum infrastructure for implementing the global information infrastructure in the region.
- To adopt the strategic plan of CITELE that establishes the framework for CITELE activities.
- To establish provisional amendments to the Regulations of CITELE, according to article 17 (e) of the CITELE Statute. Article 97 of the Regulations allows the COM/CITEL to decide the provisional application of an amendment till it is approved by the CITELE Assembly.
- To create a Temporary Working Group to prepare for the ITU Plenipotentiary Conference of 1998. Mr. José Vivanco (Ecuador) was designated as chairman.
- To establish a Joint Working Group on Legal Matters and Administrative Procedures for PCC.I, II and III so as to avoid duplicity of efforts and to consider common interest subjects. The terms of reference were defined and Ms. Iris Struiken was designated as Chairperson and three Vicechairmen were appointed, one for each PCC.

3.1.2 IV Meeting

Chairman: Mr. Ernesto Dehl (Uruguay)
Vicechairman: Mr. César Yopez (Ecuador) representing Mr. Carlos Manzur (Ecuador)
Participant countries: Member countries of COM/CITEL: Argentina, Brazil, Canada, Chile, Ecuador, Paraguay, United States, Uruguay, Venezuela
Member countries of CITEL: Costa Rica, Grenada, Honduras, Mexico, Dominican Republic

The IV Meeting took place on November 11-15, 1996, Montevideo, Uruguay. The Agenda was composed of 26 items and 13 resolutions, 2 recommendations and 5 decisions were approved.

At this meeting the results of the Senior Telecommunication Officials Meeting were analyzed and the Permanent Consultative Committees were asked to take immediate action in the corresponding items of the Plan of Action from the referred meeting.

Also, it was explained the importance to improve the electronic data exchange in the Americas and entities were invited to consider the possibility of submitting proposals to administrations for such prototype electronic support systems.

Taking into account the results of the last meetings the Strategic plan of CITEL for 1998-1999 was updated and the importance to continue to offer fellowships for telecommunication training courses was emphasized. As instructed by Resolution COM/CITEL RES.35 (IV-96) the Executive Secretary requested the Director of the OAS Fellowship Department to consider the possibility of amending the agreements that resulted in the reduction of the budget allocated to CITEL for training fellowships and to include in the 1998-1999 budget the necessary funding to hold at least seven five-day training courses per year with the attendance of fifteen students in each course.

The WG on Regional Telecommunication Development (GTD) closed its work and their recommendations are in the Final report. Finally preparing for the future two Working Groups were established:

- WG in order to offer advice to the Member States of CITEL in the preparation of World Telecommunication Development Conference to be held in Malta in 1998.
- WG on the structure and functioning of CITEL in preparation for the 1998 CITEL Assembly.

3.2 Steering Committee

The III Meeting was held in Washington, DC, USA, on 29-30 July 1996. At this meeting were present the chairman of COM/CITEL, the chairmen and vicechairmen of the PCCs, the chairman and vicechairman of the Working Group on Regional Telecommunications Development and the Executive Secretary.

At this meeting was conducted a detailed analysis of the ongoing activities of CITEL and of its needs. In particular it recommended to COM/CITEL:

- To create a WG to prepare for the 1998 CITEL Assembly.
- To define methods to assure that CITEL establishes an Electronic Document handling capability.
- To improve the relations with regional and international telecommunications organizations.
- To define methods to increase the participation of members in the Commission activities

- maintaining and strengthening the relation between the private and public sectors.
- To analyze and prepare common proposals for consideration at CITEL for the Plenipotentiary Conference of 1998. This Conference is very important because it will analyze ways to adapt ITU to the global needs in telecommunications, so the region should, through CITEL, make known its views.

3.3 Permanent Consultative Committee I: Public Telecommunications Services (PCC.I)

Chairman: Mr. Gilberto Aquino (Honduras)

Vicechairman: Mr. Thomas Plevyak (Bell Atlantic)

This Committee is presently working in several projects as Certification of equipments and Value Added Services and has completed many important stages during 1996.

3.3.1 Meeting of the Working Groups of PCC.I

From February 26 to march 1 the following PCC.I Working Groups met at St. George's, Grenada.

- Working Group on Value Added Services.
The results of the meeting on Value Added Services that was held in Miami were evaluated, it was defined a working plan and a questionnaire was prepared on regulatory aspects related with the operation of these services. Also, it was approved how to work in relation to the draft of regional guidelines for the international value added services that were requested by the Summit of Heads of State of Miami.. This was done taking into account the results obtained in other international telecommunications fora.
- Working Group on Network modernization and new services
A draft of a questionnaire on network modernization was prepared so as to know the telecommunication service needs in the region considering the different levels of development, industries availables and interconnectivity of the network infrastructures. This questionnaire will be an initial step for preparing the White Book on Steps towards Modernization and was elaborated taking into account what was already done by other Working Groups of CITELE so as not to duplicate efforts. It was prepared by an expert under contract with the ITU who worked with Mr. Sanatan, Chairman of the Working Group. The document was distributed to the member countries and presently, a report is being prepared based on the answers received.

3.3.2 IV Meeting of PCC.I

The IV Meeting of PCC.I was held in Brasilia, Brazil on 13-17 May 1996.

The Agenda consisted of 11 items and 4 resolutions and 3 decisions were approved.

Among the actions taken:

- The approval of the Regional Guidelines for the provision of Value Added Services application subject to the respective national laws. This was one of the mandates of the Miami Summit of the Americas and will allow, based on its principles, the growth of these services

and the progressive development of a free market for Value-Added Services.

- The establishment of an Ad Hoc Working Group to study the Global Information Infrastructure. This group will be chaired by Mr. Mario Rondón of Venezuela and will identify the minimum infrastructure for implementing the global information infrastructure and also, it will define the guidelines for the interconnection of networks and services in the Americas, their standardization, a wider transference of technology, human resources training and their implementation.

The Working Groups that met this occasion were: WG on Network Modernization and New Services, Ad Hoc WG on Certification Processes, Ad Hoc WG on Value Services and WG on Standards Coordination

3.3.3 V Meeting of PCC.I

The V Meeting of PCC.I was held on 9-13 September 1996 in Lima, Peru. During this meeting several tasks were completed so as to meet the mandates of the Summit of Miami. The following decisions were taken:

- CITEL guidelines for telecommunications equipment certification were approved. The Summit of the Americas has requested CITEL to examine the way to promote harmonization of the certification processes of telecommunication equipments among member countries. It was possible to elaborate the regional guidelines to accomplish this objective. These guidelines will allow that equipments may be introduced in the market quickly and with lower prices for the final user, promoting innovation and improving the access of the providers of the member states of CITEL to the market.
- Approval of a Coordinated document on signaling system Nr. 7: connection control parts and transactions Capabilities Application Part (TCAP). The signaling system Nr. 7 is a key technology to support the development of the Integrated Services Digital Network, the intelligent networks, the cellular mobile telephony networks, the information systems and personal communications services. Its first function is to satisfy the requirements of signaling and control for the services of voice and data transmission but will provide advanced telecommunication services using data bases of the network. As an example of advanced services we may consider: toll-free, alternative tariffs, re-routing, etc. It means that the scope of the signaling system Nr. 7 is not limited to telephony and it will allow a multi service network and the preparation for the introduction of new technologies.
- Approval of a Coordinated Document on Intelligent Networks. The intelligent networks are an important concept of the new or improved telecommunication services as they integrate the computer systems to the telecommunication systems establishing a unified programmable system. A computer network operate and controls the telecommunication systems (switching and transmission systems), the IN will allow to offer a new generation of services to the users as for example: voice messages, identification of the calling user, etc. These new possibilities will allow the entrance of new service providers.
- Analysis and adoption of Proceedings and working methods of the Working Group on Standards Coordination.
- Increase the use of the World Wide Web and of e-mail. These new techniques will allow to improve the capability of spreading information.

3.4 Permanent Consultative Committee II: Broadcasting (PCC.II)

Chairman: Mr. Ralph Zeitoun (Canada)
Vice Chairman: Mr. Osvaldo Beunza (Argentina)

Due to new technologies and the convergence of the sectors of telecommunications, broadcasting and information this committee is considering the improvement of its structure to adapt itself to the member needs.

The Second Meeting of the Permanent Consultative Committee II: Broadcasting (PCC.II) was held in Puerto La Cruz, Venezuela, April 30-May 3, 1996. The Agenda was composed of 10 items and during the meeting 6 resolutions and 4 decisions were approved.

On the 29 April there was a Seminar on Direct Broadcast Satellite (DBS)-Direct to Home (DTH) where the participants had the opportunity of listening to the presentations of: INTELSAT, Galaxy, Venezuela, TELEVISA and PANAMSAT. Through this Seminar it was possible to learn more on coverage, leases, operational structure, satellite technology, policies and regulatory guidelines.

During this meeting and taking into account the important role that PCC.II must play as a technical and strategic forum to discuss and promote new broadcast technologies and services it was resolved to establish a Working Group to review the mandate and working methods of PCC.II and to develop a vision for the future PCC.II. The participants agreed on the need of an active involvement of the Administrations and of the operators so that it will be possible to face and cope with the changes that will come into the sector due to the convergence of technologies that have erased the differences between telecommunications, broadcasting and information.

This Working Group is being chaired by Mr. José Gregorio González of Venezuela and has sent to the members a letter outlining the first suggestions as to the work program dividing it in the following four areas:

- i)** Proposals to promote the adoption of a regional commitment for the promotion, diffusion and eventual operation of the new broadcast services;
- ii)** Proposals for the reformulation of the PCC.II and its working methods;
- iii)** Ideas to improve the preparation of the Agenda and to incorporate diverse service providers and;
- iv)** Recommendations for the adoption of programs of work, over the topics depicted in Annex 1 of that Resolution.

Other items considered during this meeting were:

- To establish a Working Group on Local Multipoint Distribution Service (LMDS) that will help to achieve an orderly implementation of this new service in the Americas and ensure its interference free operation. The Working Group is going to be chaired by Mr. Winston Ragbir of Trinidad and Tobago.
- To pursue the activities of the Digital Sound Broadcasting Working Group and specially:

- 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.
- iii. The study of ongoing and future technologies.
- iv. The thorough analysis of the experiences of other governments.
- To appoint two coordinators so as to seek contributions and develop common CITELE positions regarding certain WRC-97 chapters:

Chapter 2 (HFBC): Ms. María Antonia Coronel from Venezuela.

Chapter 6 (Appendices 30 and 30A

“Plans for the satellite broadcasting service”): Mr. José Vivanco from Ecuador.

- To support the preparation of the ITU-R Handbook on Broadcasting Satellite Systems and Technology that is scheduled to be published in 1997-1998.

The activities related to frequency matters will be carried out in coordination with PCC.III.

During this meeting the WG on the incompatibilities resulting from the 1981 AM Rio Plan met. It was resolved to send a letter to all CITELE members to determine the degree of interest of Region 2 countries in the application of the Broadcasting Agreement on hectometric frequencies and to justify continuing on resolving the 1981 Rio incompatibilities. Meanwhile the Working Group is preparing a document that will include the actions required to solve problems of incompatibility in the MF band by means of bilateral or multilateral agreements. It will also compile a list of existing incompatibilities in the region.

3.5 Permanent Consultative Committee III: Radiocommunications (PCC.III)

Chairman: Mr. Luis Manuel Brown Hernández (México)

Vicechairman: Mr. João Fagundes Albernaz (Brazil)

The radiocommunications sector is attracting a great interest in the region due to the new technological developments, the possible application of digital techniques to spatial and terrestrial systems and the reduction of costs due to these new techniques. Nevertheless, the greater use of these systems means more needs of spectrum and orbital positions and so it is necessary to have an efficient use of these resources.

Among the priorities identified by this Committee we have: to promote a compatible and efficient use of the radiofrequency spectrum in the region, to assist the countries so that they may have a greater access to information on new technologies and existent services and promote its use in particular the wireless systems and the satellite mobile systems.

3.5.1 IV Meeting of PCC.III

The Fourth Meeting of the Permanent Consultative Committee III was held in Asuncion, Paraguay, 18-22 March 1996. The Agenda was composed of 15 items and 6 resolutions, 4 recommendations and 5 decisions were approved.

There was a Seminar on Personal Communication Services where it was possible to have the presentations of: ERICSSON, Omnipoint, Lucent Technologies, Northern Telecom and Motorola.

The region is very interested in this subject and during the meeting it was possible for the participants to analyse many factors that impact in the implementation of these services.

Among the subjects considered during the IV PCC.III we include:

- Recognizing the need to create a link between PCC.III and PCC.I in equipment certification Mr. José Vivanco (Ecuador) was appointed as rapporteur for radiocommunication equipments.
- Taking into account the strategic plan approved during the III COM/CITEL a method to harmonize activities of PCC.I and PCC.III for the coordination of wireless networks standards was approved. Mr. Javier Camargo (ERICSSON-México) was appointed ad chairman to coordinate the activity within PCC.III and to be the liaison person with PCC.I.
- Preparation of a draft preliminary report with common positions for the ITU World Radiocommunications Conference of 1997.

There was a lot of interest in the implementation of a regional data base for the allocation of spectrum and it was decided to implement a process for obtaining information and afterwards its updating in collaboration with the ITU.

The following WG met: WG on radiofrequency spectrum use, WG relative to the implementation of Low Earth orbit Satellite Systems (LEO MSS) service below 1 Ghz in the Americas, WG on terrestrial mobile Communications, WG relative to CITEL's preparation for regional and World Radiocommunications Conferences (WRC-97 Conference was considered) and WG on Networks and Services that use small aperture terminals

3.5.2 V Meeting of PCC.III

The fifth meeting of PCC.III was held in Brasilia, Brasil, 12-16 august 1996. The agenda included 14 items.

Among the items considered stand out the recommendations approved on allocation of spectrum in the region and the search of the best technologies so as to simplify the interoperability of systems.

The items considered included:

- To continue to actively participate in discussions and preparations for the World Telecommunications Policy Forum (WTPF) and to consider the voluntary principles provided by the ITU Secretary General for the introduction of GMPCS in their countries. This service will provide global access to the telecommunication systems and has a big impact on existent regulatory matters in the countries.
- Establishment of a WG for Local Multi point Distribution/Communication Service (LMDS/LMCS). Brazil was designated as chairman.
- Approval of retaining in appendices 30 and 30A the procedures governing the planned Broadcasting-Satellite Service in Region 2.
- Preparation of a document with the common views approved for each item on the agenda of WRC-97.
- Approval of a Recommendation on the allocation of the bands 901-902 MHz, 930-931 MHz and 940-941 MHz for the implementation of narrow band Personal Communication Services.
- Approval of a Recommendation to allocate the itinerant and low power frequencies in the VHF sub-bands 151-161 MHz and the UHF sub-band 450-470 MHz.

- Approval of a recommendation to consider certain sub-bands between 800-900 MHz for use by private and public Services and Public Safety Services.
- Approval of a request to service providers to consider the selection of the North American TDMA and CDMA based standards for digital cellular systems below 1 Ghz in the Region to favour the regional harmonization of the service providers.

Working Groups that met:

- WG on terrestrial Mobile Communications. It considered Fixed Wireless Access Services and its coexistence with PCS.
- WG to prepare CITELE for regional and World Radiocommunications Conferences. Each item of the WRC-97 agenda was considered.

3.5.3 VI Meeting of PCC.III

This meeting was held in Acapulco, Mexico, December 9-13, 1996. The agenda was composed of 15 items. This meeting achieved fundamental decisions for the coordination between countries and to achieve common positions, we underline:

- Identification of spectrum for Fixed Wireless Access Systems. This issue has been studied for two years and will simplify the introduction in a coordinated way of this service in the region. This will in its turn reduce the quantity of bilateral and multilateral agreements needed for an interconnection.
- Global harmonization of assignments to the mobile Satellite Service in the band 2 GHz.
- Establishment of rules for sharing between the Local Multi point Distribution Service/Communication Service and the feeder links for the non-geostationary mobile satellite Service.

On December 9th there was a Seminar on the “Applications in the band 1910-1930 Mhz” where there were 9 presentations of the latest technologies available for that band, its benefits and disadvantages.

3.6 Meeting of the Joint Working Group on Legal Matters and Administrative Procedures of the PCC.I, II and III.

The JWGLM is the only CITELE entity that has the mandate to address the legal aspects that arise in all the PCCs and its goal is to advise and provide information on the referred subjects. Among its priorities we point out the one that arises from the mandate of the Summit of the Americas to evaluate the regulatory and legal means to promote liberalization.

3.6.1 I Meeting of JWGLM

The First Meeting was held in St. George’s, Grenada, 26-28 February 1996. The working plan of the WG was prepared and they began to draft the questionnaire on administrative procedures. It was emphasized the importance to begin with the project on opportunities of training on Legal and regulatory Matters.

3.6.2 II Meeting of JWGLM

The Second Meeting of this WG was held in Washington, DC 27-28 august 1996. Two working groups were established: Draft on joint administrative procedures and Working Plan of the JWGLM, activities planning.

In 1996 this WG attained the following accomplishments:

- Approval of the Plan of activities for the WG.
- Completed the development of a survey concerning Administrative Procedures employed in member Countries. The Working Group has agreed to work with the ITU/BDT in the data collection area. The Executive Secretariat will have all the information and will give it to the countries that may need it.
- Completed a survey on training needs in the legal and regulatory area for CITELE members.

3.7 Meeting of Senior Telecommunication Officials, STO

The Plan of Action approved by the 34 Presidents of the Americas in the Summit of the Americas, held on 9-11 December 1994, recognized the importance of telecommunications for the development of a country taking into account its impact in society.

The adopted Plan of Action requested CITELE that in coordination with the sub-regional telecommunications organizations, develop and carry out a work program to:

- (i) Evaluate regulatory, technical and legal means to promote liberalization, common standards, interoperability of networks and compatible use of the radio spectrum.
- (ii) Examine ways to promote greater consistency of the certification processes for telecommunications equipment among member countries.
- (iii) Develop regional guidelines for the provision of international value-added network services.
- (iv) Support a meeting by 1996, coordinated by CITELE, of senior telecommunications officials to conduct further discussions of the above actions.

Also, at the twenty fifth regular session of the OAS General Assembly, held in Montrouis, Haiti, the Declaration of Montrouis declared its commitment to promote investment in information, communication and telecommunication infrastructure.

CITELE from the Second Meeting of COM/CITELE (held right after the Summit Meeting) began several activities to accomplish the mandates, for example:

- Definition and approval of the guidelines for Value Added Services.
- Definition and approval of the guidelines on equipment certification.
- Preparation and adoption of the Coordinated Documents in: Personal Communication Services, ISDN, Intelligent Network, Signalling System nro. 7. From these documents it will be possible to facilitate compatibility and interoperability of telecommunication services.
- Harmonization for new technologies and in the use of the spectrum.
- The Blue Book on telecommunication policies for the Americas.

As was requested CITEL coordinated the Meeting of Senior Telecommunication Officials in Washington DC, 25-26 September 1996. The meeting was chaired by Mr. Gregorio San Martin and opened by Mr. César Gaviria, Secretary General of the OAS. The closing session was in charge of Amb. Christopher Thomas, Assistant Secretary General of the OAS.

3.7.1 First Meeting of the Coordination Panel to prepare for the STO Meeting.

This meeting was held in Washington, DC, 31 July - 1^o August 1996. Three WG were established to consider: draft Plan of Action and Declaration of the STO Meeting, a draft report on the Status of telecommunications, the organization and structure of the meeting. After considering diverse structures it was decided to have two plenary sessions and to celebrate 8 panels where the private and public sector would participate. The main subjects for the panels were: Global Information Society, Universal Service in the Americas, Global Satellite and Wireless Services, Changes in Regulatory Structures in the Americas, Regional Progress in Value-Added Services and in Equipment Certification, Investments and financing, Regional Coordination and Cooperation, Impact of New Technologies.

3.7.2 Second Meeting of the Coordination Panel to prepare for the STO Meeting

Was held on the 23 and 24 September, 1996. The drafting of the Plan of action and Declaration of the Meeting were completed. Also was prepared the report on “Information and Telecommunications Infrastructure in the Americas” that had attached as annexes reports on countries or regional organizations.

3.7.3 STO Meeting

The meeting was held in September 25-26, 1996 and were present authorities of telecommunications of 32 countries of the OAS. During the meeting were approved a Declaration of Principles, a Plan of action for the Americas and a report on the Infrastructure of Telecommunications and Information in the Americas that has in its annexes detailed information of various countries and regions. This meeting allowed to prepare the basis to promote the development of telecommunications, implement flexible regulatory regimes, to stimulate competence and support the conclusion of the negotiation of the Free Zone Trade Area of the Americas for 2005.

The Plan of Action shows the issues that need a special attention and follow-up by CITEL to meet the needs of the region and that are the following:

- Promote measures to meet in a timely manner the demand for all telecommunications services at reasonable rates, and seek universal access and service;
- Put in place flexible regulatory frameworks that can easily adapt to rapid change in technology and innovation in telecommunications markets and that facilitate implementation of the Global Information Infrastructure;
- Support training of human resources for the sector;
- Develop a legal framework to protect the rights of users;
- Encourage the use of telecommunications to support education and health care;
- Seek efficient use of the radio spectrum;
- Encourage fair competition among providers of services and interconnection, according to

- the principles of transparency and nondiscrimination;
- Promote common positions among CITELE countries for world conferences;
- Promote the use of telecommunications to preserve human life and for public safety in case of emergencies and natural disasters; and
- Promote regional coordination in the areas of value-added services, equipment certification, and coordination of standards.”

The STO Meeting allowed to join efforts between CITELE, the member countries and the regional and international organizations so as to attain the common objective of the development of telecommunications.

The meeting established as objective telecommunications, informatics, and audiovisual media for all, anywhere, at any time.

4. Activities of the Executive Secretariat

4.1 General Activities

During the past year the principal activities of the Executive Secretariat included the following items:

- Prepared, planned and sent out invitations to all meeting of COM/CITELE, PCCs, Working Groups and Ad Hoc Working Groups.
- Prepared documents for each meeting and organized of the meeting.
- Sent out of the resulting documents to the permanent Missions, Observer permanent missions, representatives to CITELE in each country, associate members and international organizations.

In addition the Executive Secretariat also:

- Answered requests of information from the member countries, permanent observer missions to the OAS, associate members, organizations and international and regional organizations, persons or entities interested in CITELE activities.
- Prepared 6 Bulletins that have a summary of the activities of CITELE and that are sent to every mission.
- Prepared and updated CITELE web page in INTERNET.
- Prepared reports requested by the General Secretariat of the OAS.
- Prepared the budget and did a follow-up of each item.
- Tracked the contributions of the Associate members and prepared the related documentation in case of new members.
- Prepared booklets to explain the work being done by CITELE.

4.2 CITELE representation in other fora

In accordance with the rules of the Organization and the mandates of the OAS General Assembly and CITELE, the Executive Secretariat carried out missions to promote the public image of CITELE some of which are detailed below:

- Meeting of the Telecommunications Pacific Council that was held 14 - 18 January 1996. The Executive Secretary made a presentation on “ Information Infrastructure: users, resources and strategies”.
Next meeting will be held 19 - 23 January 1997 and its central subject will be “Pacific connections: Policies and technologies in the information economy”. There will also take place a round table to consider how to coordinate between regional organizations.
- Seminar on value added Services for the Occidental Hemisphere that took place in Miami, USA, 22-23 February. This Seminar was organized by the private sector and was the basis for the drafting of the guidelines that were later prepared by the Working Group of PCC.I. Participated two members of the Executive Secretariat.
- Conference on PCS Systems-Wireless in South America that was held in New York 22-23 April 1996. This event had a very important participation and was organized by GRP. CITELE was represented by the Executive Secretary.
- The International Telecommunication Union Americas Telecom meeting that was held Río de Janeiro 10-15 June 1996 and the Executive Secretary participated as chairman of the Session on transition of national and regional networks. The speakers that participated were: TELECOM Argentina, Ministerio de Comunicaciones de Colombia, TELEBRAS, STET, Bell Northern.
Also, Mr. Edmundo Matarazzo, Chairman of the Working Group on Standards Coordination, Mr. Juan Polanco, Vicechairman of that WG, Mr. Alberto Zetina (ERICSSON Mexico), Mr. Wayne Zeuch (USA) and Mr. Melvin Woinsky (USA) made a presentation during this meeting where they explained their work, pointing out the importance of strengthening CITELE as a platform of standardization for the Americas. In particular were explained the results attained in relation to: signalling system Nr. 7, Integrated Services Digital Networks, Personal Communication Systems and Intelligent Networks.
- General Assembly of the OAS held in Panama, June 1996. Participants: the chairman of COM/CITELE and the Executive Secretary of CITELE. We point out in particular:
 - . Resolution AG/RES.1363 where it is resolved to “Commend CITELE for its diverse and wide range of practical programs and initiatives and in particular those which enhance relations with regional, subregional and international telecommunications entities and exploit modern technological innovations and developments
 - . Resolution AG/RES.1377 where the initiatives of the Summit of the Americas are supported.
- Region 2 Forum on Resolution 18. This meeting was organized by the ITU in collaboration with the Communications Ministry of Brazil, TELEBRAS and CITELE. The meeting took place in Brasilia, Brazil, from 7- 9 august 1996. Resolution Nr. 18 (Kyoto, 1994) requests to review certain subjects in relation to the coordination of international satellite networks to attain an equitable access and the establishment and development of satellite networks. During the meeting were studied in detail the proceedings and though a consensus was nor reached as to the subjects considered, it was agreed that to reduce the reservation of capacity with no use it could be possible to reduce the period to operate a network of satellites. This meeting allowed to get a lot of information that was afterwards studied during the PCC.III meeting that followed.
- Global Forum on Telecommunications Policy that was held 21-23 October 1996 in Geneva. The Executive Secretary was the moderator for the Panel on Users terminals and global roaming.
- Personal Communication Services Conference held in Washington on 23 October 1996 and where it was explained an outline of CITELE works. This Conference was hosted by: ICSC
- Several meetings were attended to present the programs of CITELE.

5. Training activities sponsored by CITEL/OAS

CITEL training activities were provided by the funds granted by the General Assembly that for 1996 were of US\$ 190.000 covering 94 scholarships. The scholarships give funds to finance air travel (to go and to return trip) between the fellow's place of residence and the course location, registration for training (including study materials) accommodation, subsistence expenses and local transportation.

Course	Date	Venue	Number scholarships	Participant countries
<i>Rural Communications through digital radio</i>	1-12 July 1996	<i>Instituto Paraguayo de telecomunicaciones, Isla Bogado, Luque, Paraguay</i>	10	<i>Argentina, Colombia, Costa Rica, Chile, Ecuador, El Salvador, Honduras, Mexico, Panama, Venezuela</i>
<i>Spectrum Management</i>	29 July-2 August 1996	<i>Centro Regional de Capacitación e Investigación sobre Recursos Humanos en Ciencia y Tecnología - CRECITI, Mexico, Mexico, D.F.</i>	16	<i>Argentina (2), Bolivia Colombia(2), Costa Rica, Ecuador (2), Guatemala, Haiti, Honduras, Panama, Paraguay(2), Peru y Venezuela</i>
<i>Integrated Services Digital network</i>	23- 27 September 1996	<i>Centro Internacional de Capacitación en Telecomunicaciones CINCATEL-INACAP, Santiago, Chile</i>	15	<i>Argentina, Bolivia (2), Colombia, Costa Rica, Ecuador (2), El Salvador, Honduras, Mexico, Peru, Panama, Paraguay, Uruguay, Venezuela</i>
<i>Integrated management of networks and services</i>	7-11 October 1996	<i>Centro de Treinamento de la Telesc - Telecomunicacoes de Santa Caterina, (TELEBRAS) Florianópolis, Brasil</i>	15	<i>Colombia (2), Costa Rica, Chile, Ecuador, Guatemala, Honduras, Mexico, Panama, Paraguay (2), Dominican Republic, Uruguay y Venezuela (2)</i>
<i>Introduction to Virtual Instrumentation</i>	October -1 November	<i>Training Research and Development</i>	12	<i>Antigua, Bahamas, Barbados (2), Belize,</i>

	1996	<i>Center (TELESUR), Suriname</i>		<i>Guyana, St. Lucia (2), & St. Kitts & Nevis (4)</i>
Course	Date	Venue	Number scholarships	Participant countries
<i>Leo's Users and services</i>	4-8 November 1996	<i>Instituto Mexicano de comunicaciones, CRECITI, Iztapalapa, C.P. Mexico</i>	10	<i>Argentina, Colombia, Costa Rica, Guatemala (2), Paraguay, Uruguay (3) y Venezuela</i>
<i>Signaling system Nr. 7</i>	18-22 November 1996	<i>TELEBRAS</i>	15	<i>Argentina, El Salvador (3), Honduras (2), Paraguay (2), Peru, Rep. Dominican (2), Uruguay, Venezuela (3)</i>

6. Cooperation with regional and international Organizations

During the III Meeting of the Steering Committee it was submitted a Collaboration Agreement between CITELE and the "Asociación Hispanoamericana de Centros de Investigación y Empresas de Telecomunicaciones", AHCIET. This document was signed during the IV COM/CITELE. This agreement will allow to increase the cooperation and coordination of the activities, avoiding duplicity of activities and increasing efficiency. Possible forms of cooperation could be the joint organization of seminars, the preparation of joint publications, to have joint training courses, etc. Several regional organizations (Comisión Técnica de Telecomunicaciones de Centro América, COMTELCA; the Caribbean Telecommunication Union, CTU, etc.) have showed interest in signing similar agreements with CITELE.

With the International Telecommunication Union, ITU, there was a close coordination, in special with the regional office. In particular and due to the requests of members it was decided to improve the relation with the Standardization and Radiocommunications sectors.

Some of the subjects included were:

- Preparation and maintaining of the frequency allocations the region.
- On march 1996 it was possible to publish an update the Blue Book "Telecommunication policies in the Americas" a joint effort of CITELE and the ITU. This is a Reference book that has guidelines or possible alternatives that each country may considerate and adjust to their needs and conditions, it is a dynamic instrument that should be reviewed and updated periodically depending on the evolution of the telecommunication sector.

During the World Telecommunication Policy Forum the Executive Secretary had several meeting with several authorities so as to establish proceedings to improve the coordination and cooperation between these organizations.

It was possible to work in coordination with the CTU, COMTELCA and ASETA who have participated actively in many meetings of CITELE.

7. Status of International conventions sponsored by CITELE

7.1 Lima Convention

The Inter-American Convention was adopted in Lima, Peru, 1987 during the Fifth Inter-American Telecommunication Conference (CITELE/RES.130 (V-87)) and was amended to facilitate the full participation of CITELE member states during the First Extraordinary Meeting of CITELE in 1988 (CITELE/RES.141 (I/E-88)). This Convention provides for the use of the amateur radio service for nationals of a state party in the territory of another state party. The Lima Convention came into force on 21 February 1990. The General Secretariat of the OAS is the depositary of the original instrument, ratifications, acceptances and approvals.

Signatory Countries	Date	RA/AC/AP	Date for the Instrument Deposit
Argentina	14/08/87	11/03/90 RA	06/12/90
Bolivia	14/08/87		
Brazil	14/08/87		
Canada		06/04/89 AP	18/05/89
Chile	14/08/87		
Colombia	14/08/87		
Guatemala		05/12/89 AP	22/01/90
Haiti	14/08/87		
Mexico		13/03/89 AP	21/06/89
Paraguay	07/09/95	24/05/95 RA	15/09/95
Peru	14/08/87		
Surinam	14/08/87		
United States	14/08/87	21/02/91 AC	20/03/91
Uruguay	14/08/87		
Venezuela		14/10/88 AP	30/11/88

RA= ratification

AC=accepting

AP=approval

The signatures not subject to ratification, approval or acceptance, according to articles 7 (a) and 10 of the Convention these countries are parties of the convention: Argentina, Bolivia, Brazil, Colombia, Chile, Haiti, Peru and Surinam. .

The signatures subject to ratification, approval or acceptance according to Article 7 (b) of the convention are: United States and Uruguay.

7.2 Inter-American Convention on the International Licensing of Amateur Radio Permit (IARP)

It was approved by the second meeting of CITEL's Permanent Executive Committee in December 1994 (COM/CITEL RES.5 (II-94). Afterwards it was adopted in Montrouis, Haiti during the twenty fifth ordinary period of sessions of the General Assembly (AG/RES.1316 (XXV-O/95)).

This convention provides for temporary operations of stations of amateur enthusiasts under its authority, persons licensed with an IARP by another state party without further review. Any state party may grant licenses to operate in other states party exclusively to its citizens. The IARP Convention came into force on 23 February 1996. The depository is the General Secretariat of the OAS for RA, AC and AP.

Signatories Countries	Date	RA/AC/AD	Date for instrument deposit
Brazil	24/01/97		
Canada	27/09/95	27/09/95 AC	27/09/95
Peru	15/09/95	28/12/95 RA	24/01/96
United States	08/06/95		
Uruguay	08/06/95		
Venezuela	05/02/96		

8. Budget of CITEL

8.1 Budget for the year 1996

	Approved funds	Expended funds
Office supplies	\$5.00	\$5.20
Travels	\$77.80	\$71.60
Meetings	\$255.10	\$279.20
Translations	\$11.80	\$11.80
Communications	\$33.40	\$40.40

Sub-total Activities	\$383.10	\$408.20
Executive Secretariat Staff	\$374.60	\$374.60
Total	\$757.70	\$ 782.80

The deficit of \$25.1 (incurred by the meetings of the Coordination Panel and STO) will be covered by:

* Grant from the USA	10.70
* OAS special assignment	14.40
TOTAL	25.10

8.2 Scholarships

CITEL was assigned US\$ 200.000 in 1996 and expended US\$ 190.000, see detail on chapter 5.

9. Calendar of Meetings of CITEL for 1997

The Calendar of Meetings approved for 1997 is the following:

Permanent Consultative Committee I: Public Telecommunication Services

VI Meeting	10-14 March	Isla Margarita, Venezuela
VII Meeting	6-10 October	Brazil

Standards Coordination Working Group

Meeting	25-29 August	Paraguay
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Permanent Consultative Committee II: Broadcasting

III Meeting	17-21 February	Port-of-Spain, Trinidad y Tobago
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Permanent Consultative Committee III: Radiocommunications

VII Meeting	7-11 April	Cartagena, Colombia
VIII Meeting	9-13 June	Brazil
IX Meeting	22-26 September	Mexico

Working Group on Legal Matters and Administrative Proceedings of PCC.I, II and III

III Meeting	14-15 August	Washington, DC, USA
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- Telecommunication Officials Meeting.
- Blue Book, joint effort of ITU and CITELE.

12. CONCLUSIONS

1996 was a year of great challenges and achievements for CITELE. In the framework of what was requested by the Summit of Presidents of Miami it was possible to prepare and approve (during the 12 meetings):

- Guidelines on Value Added Services. Based in them, the region will increase these services and the progressive development of a Free market on Value Added Services.
- Guidelines for the equipment certification. These guidelines will allow that equipments may be introduced in the market more quickly and with lower prices for the final consumer, promoting innovation and improving the access to the market to providers of the member states of CITELE.
- Coordinated documents on Signaling system Nr. 7, Intelligent network and Integrated Services Digital Networks.
These documents will allow the introduction of new technologies in a coordinated way in the region.
- Recommendations on frequency bands to be used by Personal Communication Services (PCS), Fixed Wireless Access Services, etc. This will allow to reduce interferences and simplify the between boundaries coordination, and it will be easier to introduce new technologies.
- Last review of the Blue Book on telecommunication Policies for the Americas that brings to the countries information on the various existent regulatory possibilities. This document is a reference book and was prepared in collaboration with the ITU.

The corollary of these activities was the Meeting of Senior Telecommunication Officers where were approved a Declaration of Principles and a Plan of Action where are shown the main items that the participant countries felt required further study and that were afterwards assigned to the corresponding CITELE Committees.

As from the Strategic Plan approved during the IV COM/CITELE, in 1997 CITELE will continue analyzing the needs of the member countries and of the associate members and will try to inform all sectors and organisms depending of the OAS on the advances in this area. To attain this is fundamental to increase the capacity of spreading information of CITELE. However, presently in our budget there is not an item so as to meet these needs therefor documents are printed and designed by CITELE. This limits the volume and quality of impression because it is not professionally prepared.

The IV COM/CITELE also resolved to emphasize that it is very important to maintain the offering of scholarships through CITELE to update countries as to new technologies and its tendencies. Unfortunately, the budget assigned to scholarships for 1997 was reduced so that we will be able to offer 3 courses for 45 participants and not 7 courses for the 94 participants as was done in 1996. As from resolution COM/CITELE RES. 35/96 the Executive Secretary requested to reconsider this reduction of the budget and in particular it was pointed out the countries' wish for an adequate budget to offer 7 training courses in 1998 with a length of 5 days each and for 15 participants.

The CITELE Assembly will take place March 2-6, 1996, in Quito, Ecuador and will have a

ministerial level. Through Resolution COM/CITEL RES. 39 (IV-96) the 1997 General Assembly of the OAS was requested to give more diffusion to this meeting taking into account its importance for the future of telecommunications in the region Americas.

13. ANNEXES

- A. Associate Members
- B. Number of participants for each meeting and countries present at the meetings of CITEL
- C. Titles of CITEL approved resolutions, recommendations and decisions on 1996

A. Associate Members

PERMANENT CONSULTATIVE COMMITTEE I: PUBLIC TELECOMMUNICATION SERVICES

COUNTRY	COMPANY NAME	UNITS
ARGENTINA	TELEFONICA ARGENTINA	1.0
ARGENTINA	CAMARA ARGENTINA DE DESARROLLO	1.0
ARGENTINA	COMPANIA ERICSSON S.A.	1.0
ARGENTINA	TELECOM ARGENTINA	1.0
ARGENTINA	CAMARA ARGENTINA DE TELEFONIA Y AFINES	1.0
ARGENTINA	TELINTAR S.A.	1.0
ARGENTINA	CIA. IMPSAT S.A.	1.0
ARGENTINA	MOVICOM	1.0
ARGENTINA	CICOMRA	1.0
ARGENTINA	AT&T S.A. Argentina	1.0
ARGENTINA	GAUSS S.A.	1.0
ARGENTINA	SIEMENS	1.0
ARGENTINA	VIDEO CABLE COMUNICACION S.A.	1.0
ARGENTINA	COMPANIA DE TELEFONOS DEL INTERIOR S.A.	1.0
BRASIL	ERICSSON TELECOMUNICACOES S.A.	2.5
BRASIL	MOTOROLA DO BRASIL	1.0
CANADA	NORTHERN TELECOM LIMITED	1.0
CANADA	SR Telecom Inc.	1.0
COLOMBIA	CAMARA COLOMBIANA DE INFORMATICA Y TELEC.	1.0
COLOMBIA	OCCIDENTE Y CARIBE CELULAR S.A., OCCEL	1.0
COLOMBIA	CELUMOVIL S.A.	1.0
CHILE	BELLSOUTH CHILE	1.0
CHILE	ERICSSON DE CHILE	1.0
NICARAGUA	ENITEL - EMPRESA NICARAGUENSE DE TELEC.	1.0
MEXICO	TELEINDUSTRIA ERICSSON S.A.	3.0
MEXICO	MOTOROLA	1.0
MEXICO	AT&T DE MEXICO, S.A. DE C.V.	4.0
MEXICO	GRUPO IUSACELL	1.0
PERU	TELEFONICA DEL PERU S.A.	1.0
REP.DOMINICANA	CODETEL	1.0
U.S.A.	MOTOROLA INC.	1.0
U.S.A.	SOUTHWESTERN BELL CORPORATION	1.0
U.S.A.	BELL ATLANTIC	1.0
U.S.A.	MCI COMMUNICATIONS CORPORATION	1.0
U.S.A.	COMMITTEE T-1 TELECOMMUNICATIONS	1.0

U.S.A.	COMSAT WORLD SYSTEMS	1.0
U.S.A.	PAN AM SAT L.P.	1.0
COUNTRY	COMPANY NAME	UNITS
U.S.A.	AT&T	1.0
U.S.A.	SPRINT INTERNATIONAL CORPORATION	1.0
U.S.A.	IBM Latin America	1.0
U.S.A.	TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)	1.0
U.S.A.	GTE CORPORATION	1.0
U.S.A.	NORTHERN TELECOM CORP. (NORTEL)	1.0
U.S.A.	LUCENT TECHNOLOGIES	1.0
U.S.A.	TEXAS INSTRUMENTS, INC.	1.0
U.S.A.	CARIBBEAN LATIN AMERICA ACTION	1.0
U.S.A.	ERICSON, INC.	1.0
VENEZUELA	COMPANIA ERICSSON S.A.	1.0
VENEZUELA	CIA. ANONIMA NACIONAL TELEFONOS	2.0
VENEZUELA	TELCER CELULAR, C.A.	1.0
VENEZUELA	AT&T ANDINOS S.A	2.0

PERMANENT CONSULTATIVE COMMITTEE II: BROADCASTING

COUNTRY	COMPANY NAME	UNITS
ARGENTINA	CAMARA ARGENTINA DE DESARROLLO	1.0
ARGENTINA	CICOMRA	1.0
ARGENTINA	WORLDSpace, INC.	5.0
ARGENTINA	VIDEO CABLE COMUNICACION S.A.	1.0
U.S.A.	TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)	1.0
U.S.A.	TEXAS INSTRUMENTS, INC.	1.0

PERMANENT CONSULTATIVE COMMITTEE III: RADIOCOMMUNICATIONS

COUNTRY	COMPANY NAME	UNITS
ARGENTINA	TELEFONICA ARGENTINA	1.0
ARGENTINA	COMPANIA ERICSSON S.A.	1.0
ARGENTINA	CAMARA ARGENTINA DE DESARROLLO	1.0
ARGENTINA	TELECOM ARGENTINA	1.0
ARGENTINA	CIA. IMPSAT S.A.	1.0
ARGENTINA	TELINTAR S.A.	1.0
ARGENTINA	MOVICOM	1.0
ARGENTINA	SILVEIRA CORPORATION	1.0
ARGENTINA	CICOMRA	1.0
ARGENTINA	AT&T S.A. Argentina	1.0
ARGENTINA	QUALCOMM International	1.0
ARGENTINA	PECOM-NEC	1.0
ARGENTINA	SKY STATION INTERNATIONAL	1.0
ARGENTINA	SIEMENS	1.0
ARGENTINA	VIDEO CABLE COMUNICACION S.A.	1.0

ARGENTINA	COMPANIA DE TELEFONOS DEL INTERIOR S.A.	1.0
BRASIL	ERICSSON TELECOMUNICACOES S.A.	2.5
BRASIL	MOTOROLA DO BRASIL	1.0
BRASIL	PNC DO BRASIL S.A.	1.0
BRASIL	QUALCOMM DO BRASIL S.A.	1.0
COUNTRY	COMPANY NAME	UNITS
BRASIL	NEC DO BRASIL S.A.	1.0
BRASIL	PROMON ELETRONICA LTDA.	1.0
COLOMBIA	CAMARA COLOMBIANA DE INFORMATICA Y TELEC.	1.0
COLOMBIA	ERICSSON DE COLOMBIA	1.0
COLOMBIA	CELUMOVIL S.A.	1.0
CANADA	SR Telecom Inc.	1.0
CANADA	NORTHERN TELECOM LIMITED	1.0
CANADA	ODYSSEY TELECOMMUNICATIONS INTERNATIONAL INC.	1.0
CANADA	SPECTROCAN ENGINEERING	1.0
CHILE	ERICSSON DE CHILE	1.0
MEXICO	TELEINDUSTRIA ERICSSON S.A.	3.0
MEXICO	MOTOROLA	1.0
MEXICO	LEO ONE PANAMERICANA S.A. de C.V.	1.0
MEXICO	AT&T DE MEXICO, S.A. DE C.V.	4.0
MEXICO	IMPSAT, S.A. DE C.V.	1.0
MEXICO	GRUPO IUSACELL	1.0
MEXICO	NORTHERN TELECOM DE MEXICO, S.A. DE C.V.	1.0
PERU	TELEFONICA DEL PERU S.A.	1.0
U.S.A.	MOTOROLA INC.	1.0
U.S.A.	COMSAT WORLD SYSTEMS	1.0
U.S.A.	AT&T	1.0
U.S.A.	TELEDESIC CORPORATION	1.0
U.S.A.	TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)	1.0
U.S.A.	NORTHERN TELECOM CORP. (NORTEL)	1.0
U.S.A.	FINAL ANALYSIS COMMUNICATIONS SERVICES, INC.	1.0
U.S.A.	WORLD SPACE, INC.	1.0
U.S.A.	TEXAS INSTRUMENTS, INC.	1.0
U.S.A.	ERICSON, INC.	1.0
U.S.A.	GLENAYRE ELECTRONICS, INC.	1.0
U.S.A.	LUCENT TECHNOLOGIES	1.0
VENEZUELA	COMPANIA ERICSSON S.A.	1.0
VENEZUELA	CIA. IMPSAT S.A.	2.0
VENEZUELA	CIA. ANONIMA NACIONAL TELEFONOS	1.0
VENEZUELA	TELCER CELULAR, C.A.	1.0
VENEZUELA	IRIDIUM SUDAMERICANA	1.0
VENEZUELA	AT&T ANDINOS S.A.	2.0

B. Number of participants for each meeting and countries present at the meeting of CITEL

MEETING	MEMBER COUNTRIES		ASSOCIATE MEMBERS		PERMANENT OBSERVER MISSIONS		ORGANIZATION		EXECUTIVE SEC.	TOTAL
	Nr. Of countries	Nr. Of Deleg.	Nr. Of countries	Nr. Of Deleg.	Nr. Of countries	Nr. Of Deleg.	Nr.	Nr. Of Deleg.	Nr. Represent.	
III COM/CITEL	14	51	--	--	5	6	5	12	2	69
IV COM/CITEL	14	53	--	--	3	3	7	8	2	64
IV PCC.I	11	30	8	8	3	3	4	5	2	46
V PCC.I	14	67	14	38	5	5	4	4	2	114
II PCC.II	9	57	2	5	3	4	1	1	2	67
IV PCC.III	13	68	15	27	--	--	4	5	2	100
V PCC.III	13	71	28	51	--	--	3	5	2	127
VI PCC.III	16	80	49	97	1	1	6	8	2	186
I PANEL	22	52	25	37	1	2	5	10	6	101
II PANEL	24	60	7	24	4	4	6	12	6	100
STO	30	196	--	--	6	15	8	25	6	256
I Joint WG on Legal Matters and Adm. Proc.	17	38	--	--	1	1	6	9	2	48
II Joint WG on Legal Matters and Adm. Proc.	10	22	1	1	3	4	2	2	2	29

	IV COM/CITEL	III COM/CITEL	IV PCC.I	V PCC.I	II PCC.II	IV PCC.III	V PCC.III	VI PCC.III	STO	I JWGLM	II JWGLM
Antigua y Barbuda									x		
Argentina	x	x	x	x	x	x	x	x	x	x	x
Bahamas									x		
Barbados									x		
Bolivia					x			x	x		
Brazil	x	x	x	x		x	x	x	x		x
Canada	x	x		x	x	x	x	x	x		
Chile	x	x						x	x		
Colombia		x				x			x	x	
Costa Rica		x	x						x		x

Dominica							x		x	x	
	IV COM/ CITEL	III COM/ CITEL	IV PCC.I	V PCC.I	II PCC.II	IV PCC.III	V PCC.III	VI PCC.III	STO	I JWGLM	II JWGLM
Ecuador	x	x	x		x	x		x	x	x	
El Salvador									x		
Grenada			x	x			x		x	x	
Guatemala				x		x	x		x		
Guyana									x		
Haiti									x		
Honduras	x	x	x	x				x	x	x	
Jamaica								x	x		
Mexico	x	x	x	x		x	x	x	x	x	
Nicaragua							x	x	x	x	x
Panama									x		
Paraguay	x	x		x		x	x	x	x	x	x
Peru	x		x	x		x	x		x	x	x
Dominican Rep.	x	x									
Saint Lucia									x		
Saint Vicent and the Grenadinas									x	x	
Saint Kitts and Nevis										x	
Suriname	x			x	x	x	x	x	x	x	x
Trinidad and Tobago					x			x	x		
United States	x	x	x	x	x	x	x	x	x	x	x
Uruguay	x	x	x	x	x	x	x	x	x	x	x
Venezuela	x	x	x	x	x	x		x	x	x	x

C. Titles of CITEL approved resolutions, recommendations and decisions on 1996

PERMANENT EXECUTIVE COMMITTEE OF CITEL (COM/CITEL)

RESOLUTIONS

COM/CITEL RES.12 (III-95)	Coordination of the 1996 meeting of Senior Telecommunication Officials
COM/CITEL RES.13 (III-95)	Guidelines for the use of associate member funds
COM/CITEL RES.14 (III-95)	Draft budget and calendar for 1996-97

COM/CITEL RES.15 (III-95)	Strengthening of telecommunication development in the region
COM/CITEL RES.16 (III-95)	The use of the Blue Book (telecommunication policies for the Americas)
COM/CITEL RES.17 (III-95)	Concerns of the CITEL member states regarding the agenda of the 1997 ITU World Radiocommunication Conference
COM/CITEL RES.18 (III-95)	Harmonization activities of PCC.I and PCC.III for coordinating the standardization of wireless networks
COM/CITEL RES.19 (III-95)	Periodical meetings of the heads of regional training centers
COM/CITEL RES.20 (III-95)	Strengthening of the relationship of CITEL with international organizations
COM/CITEL RES.21 (III-95)	Identification of minimum requirements for the implementation of the world information infrastructure
COM/CITEL RES.22 (III-95)	Television services for DTH subscribers
COM/CITEL RES.23 (III-95)	agenda, date and place for the fourth meeting of the Permanent Executive Committee of CITEL
COM/CITEL RES.24 (III-95)	CITEL strategic plan
COM/CITEL RES.25 (III-95)	Participation of PCC Vice-chairmen in the meetings of the Steering Committee
COM/CITEL RES.26 (III-95)	Public dissemination of the purposes, duties and works of CITEL
COM/CITEL RES.27 (III-95)	To grant authority to the CITEL secretariat to cooperate with the proposed hemispheric seminar on value added services
COM/CITEL RES.28 (III-95)	Provisional amendments to the regulations of CITEL
COM/CITEL RES.29 (III-95)	Temporary Working Group CITEL preparations for the 1998 ITU Plenipotentiary Conference
COM/CITEL RES.30 (III-95)	Establishment of a Joint Working Group on Legal Matters and Administrative proceedings of PCCs I, II, and III
COM/CITEL RES.31 (IV-96)	To urge PCCs and joint working groups to take prompt action on certain items in the Senior Telecommunication Officials (STO) Plan of Action
COM/CITEL RES.32 (IV-96)	To encourage the approach to the conversion to electronic data exchange in the Americas
COM/CITEL RES.33 (IV-96)	Strategic plan of CITEL
COM/CITEL RES.34 (IV-96)	Budget for 1998 and 1999 and schedule for 1997 and 1998
COM/CITEL RES.35 (IV-96)	Budget allocation for fellowships
COM/CITEL RES.36 (IV-96)	Agenda, date and place of the fifth meeting of the Permanent Executive Committee of CITEL
COM/CITEL RES.37 (IV-96)	Preparation for the ITU Plenipotentiary Conference (PP-98)
COM/CITEL RES.38 (IV-96)	Establishment of an Ad hoc Working Group on the preparation of CITEL's participation in the second World Telecommunication Development Conference (WTDC-98)
COM/CITEL RES.39 (IV-96)	Preparation of the 1998 CITEL Assembly
COM/CITEL RES.40 (IV-96)	Establishment of an Ad Hoc Working Group on the Structure and Functioning of CITEL in the Preparations for the 1998 CITEL Assembly
COM/CITEL RES.41 (IV-96)	Implementation of COM/CITEL Res. 15 (111-95) Regarding the Working Group on Regional Telecommunication Development (GTO)
COM/CITEL RES.42 (IV-96)	Regularization of the Situation of Regional Centers in Connection with their Recognition by CITEL
COM/CITEL RES.43 (IV-96)	Rules of Procedures for the Obtainment of Fellowships from OAS/CITEL
COM/CITEL REC.1 (IV-96)	to Support CITEL Through the Permanent Missions
COM/CITEL REC.2 (IV-96)	World Forum on Telecommunication Policies

DECISIONS

COM/CITEL DEC.6 (III-95)	Organizational structure of CITEL
COM/CITEL DEC.7 (IV-96)	Information on Regulatory Structures
COM/CITEL DEC.8 (IV-96)	Progress Report on the Promotion for Liberalization Telecommunication Policies
COM/CITEL DEC.9 (IV-96)	Follow-up of the Meeting of Senior Telecommunication Officials
COM/CITEL DEC.10 (IV-96)	Second Regular Meeting of the CITEL Assembly
COM/CITEL DEC.11 (IV-96)	Authorization for Signing Cooperation Agreements

PERMANENT CONSULTATIVE COMMITTEE I: PUBLIC TELECOMMUNICATION SERVICES

RESOLUTIONS

PCC.I/RES.22 (IV-96)	Establishment of an Ad Hoc Working Group on World Information Infrastructure
PCC.I/RES.23 (IV-96)	Support for Human Resource Qualification
PCC.I/RES.24 (IV-96)	Agenda, Place and Date of the Fifth Meeting of PCC.I
PCC.I/RES.25 (IV-96)	Regional Guidelines for the Provision of Value-Added Services
PCC.I/RES.26 (V-96)	Common Channel Signaling Nr. 7 Connection Control Part (SCCP) and transactions Capabilities Application part (TCAP)
PCC.I/RES.27 (V-96)	Intelligent Network
PCC.I/RES.28 (V-96)	Working Methods and procedures for the Working Group on Standards Coordination
PCC.I/RES.29 (V-96)	Access to Internet and the World Wide Web (WWW) in the Americas
PCC.I/RES.30 (V-96)	CITEL Guidelines on Certification
PCC.I/RES.31 (V-96)	Joint Resolution of the First Meeting of the CITEL Coordination with Regional Centers and the Working Group on the Development of Human Resources
PCC.I/RES.32 (V-96)	Agenda, Venue and date of the Sixth Meeting of the PCC.I

DECISIONS

PCC.I/DEC. 1 (IV-96)	Support for the holding of the First Coordination Meeting of CITEL with Regional Centers and their heads, during the Fifth Meeting of PCC. III.
PCC.I/DEC. 2 (IV-96)	Use of "Funds from Associate Members".
PCC.I/DEC. 3 (IV-96)	Calendar of Meetings PCC.I.
PCC.I/DEC. 4 (V-96)	Preliminary report on the regulation of value added services in the region.
PCC.I/DEC. 5 (V-96)	Extension of the mandate of the Ad Hoc Group on the study of the Global Information Infrastructure.

PERMANENT CONSULTATIVE COMMITTEE II: BROADCASTING

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
PCC.II/RES.4 (II-96)	Establishment of a Working Group for Local Multipoint Distribution Service (LMDS)
PCC.II/RES.5 (II-96)	Participation of Associate Members in PCC.II
PCC.II/RES.6 (II-96)	Draft Agenda, Place and Date of the Third Meeting of the Permanent Consultative Committee II (PCC.II)
PCC.II/RES.7 (II-96)	Analysis and Implementation of Digital Sound Broadcasting Systems
PCC.II/RES.8 (II-96)	Resolution of Incompatibilities resulting from the 1981 AM Rio Plan

DECISIONS

PCC.II/DEC.1 (II-96)	Appointment of two Chapter Coordinators for the report on CITEL 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.
PCC.II/DEC.2 (II-96)	Use of "Associate Member Funds".
PCC.II/DEC.3 (II-96)	Holding of a meeting of the Regional Centers during the August 1996 meeting of PCC.III
PCC.II/DEC.4 (II-96)	Support the preparation of the ITU-R Handbook on Broadcasting Satellite Systems and Technology

PERMANENT CONSULTATIVE COMMITTEE III: RADIOCOMMUNICATIONS

RESOLUTIONS

PCC.III/RES. 28 (IV-96)	Mandates for PCC.I and PCC.III
PCC.III/RES. 29 (IV-96)	Establishment of a Radiocommunications equipment Rapporteur to PCC.I Ad-Hoc Working Group on Certification Processes
PCC.III/RES. 30 (IV-96)	Human Resource Development
PCC.III/RES. 31 (IV-96)	Approval of the WRC-97 agenda by the ITU Council
PCC.III/RES. 32 (IV-96)	Agenda, venue and date of the V meeting of the PCC.III
PCC.III/RES. 33 (IV-96)	Method to Harmonize Activities of PCC.I and PCC.III for Coordinating the Standardization of Wireless Networks
PCC.III/RES. 34 (V-96)	Regional importance of the World Telecommunication Policy Forum
PCC.III/RES. 35 (V-96)	Establishment of a Working Group for Local Multipoint Distribution/Communication Service (LMDS/LMCS)
PCC.III/RES. 36 (V-96)	Activities to be developed by the Joint Working Group on Legal Matters and Administrative Procedures of PCC.I, II and III
PCC.III/RES. 37 (V-96)	Activities to be considered by the Working Group chairs within PCC.III to facilitate the wireless networks standard coordination and the link with PCC.I.
PCC.III/RES. 38 (V-96)	Agenda, venue and date of the sixth meeting of PCC.III.
PCC.III/RES. 39 (V-96)	Evaluation of candidate Radio transmission technologies for FPLMTS.
PCC.III/RES. 40 (V-96)	Retaining in Appendices 30 [S30] and 30A [S30A] in the procedures governing the planned broadcasting-satellite service in region 2.
PCC.III/RES. 41 (VI-96)	Expanding the Range of the Radio Spectrum Database
PCC.III/RES. 42 (VI-96)	Proposed New Work Item for PCC.III and PCC.I on Spectrum and Standards for Unlicensed Personal Communications Systems
PCC.III/RES.43 (VI-96)	Establishment of a Working Group to Quantify Any Incompatibility Issues Between FWA and PCS in the Range 1850-1990 MHz
PCC.III/RES. 44 (VI-96)	Organization of PCC.III Seminars
PCC.III/RES. 45 (VI-96)	Actions Resulting from the Plan of Action for the Americas
PCC.III/RES.46 (VI-96)	Establishment of an Ad-hoc Working Group for the Identification of Alternative Frequency Bands to Be Used by Geostationary Satellites
PCC.III/RES.47 (VI-96)	On Submitting Joint Documents to the ITU-R
PCC.III/RES. 48 (VI-96)	Agenda, Venue and Date of the Seventh Meeting of the PCC.III

RECOMMENDATIONS

PCC.III/REC. 14 (IV-96)	Related to the use of PCS terminals with dual band
PCC.III/REC. 15 (IV-96)	Guidelines for the use of "Associate Member" Funds
PCC.III/REC. 16 (IV-96)	Activities of the ITU related to worldwide mobile satellite systems and manual/portable terminals for mobile earth stations
PCC.III/REC. 17 (IV-96)	Activities of the ITU related to low orbit fixed satellite services on a worldwide basis
PCC.III/REC. 18 (V-96)	Narrowband Personal Communication Systems (PCS)
PCC.III/REC. 19 (V-96)	Itinerant and Low Power frequencies
PCC.III/REC. 20 (V-96)	800-900 MHz trunking
PCC.III/REC. 21 (V-96)	Joint PCC.I and III recommendation on Digital Cellular Land Mobile Telecommunication Systems below 1 GHz
PCC.III/REC. 22 (VI-96)	Considerations Concerning the Regulation of GMPCS
PCC.III REC. 23 (VI-96)	Stratospheric Telecommunications Systems (STS)
PCC.III/REC.24 (VI-96)	Improvements of Disaster Communications in the AMERICAS
PCC.III/REC.25(VI-96)	Sharing Between Local Multipoint Distribution/communication Service (LMDS/LMCS) and Non-geostationary Mobile Satellite Service (NGSO MSS) Feederlinks
PCC-III/REC. 26 (VI-96)	Identification of Spectrum for Fixed Wireless Access Systems in the AMERICAS

PCC.III/REC. 27 (VI-96) Global Harmonization of the 2 Ghz MSS Allocations
PCC.III/REC.28 (VI-96) 800-900 MHz Trunking

DECISIONS

PCC.III/DEC. 5 (IV-96) Pertinent communication to the CITELE member countries in order that they double their efforts to send as soon as possible, the information concerning utilization of the radioelectric spectrum in the 960 to 2500 MHz range.

PCC.III/DEC. 6 (IV-96) Preliminary Report from the Work Group on Low Earth Orbit Satellite Systems below 1 GHz.
PCC.III/DEC. 7 (IV-96) Distribute Document PCC.III-296/96 "Land Mobile Handbook (including Wireless Access)".
PCC.III/DEC. 8 (IV-96) Proposal of USA to carry out a test program on frequency sharing by non-geostationary satellite mobile systems.

PCC.III/DEC. 9 (IV-96) Study the resolutions and recommendations of WRC-95 and ITU-R by the working group on mobile satellite services and low orbit earth satellite over 1 GHz.

PCC.III/DEC. 10 (V-96) Questionnaire on the use of VSAT terminals in the Americas.
PCC.III/DEC. 11 (V-96) Comments on Guidelines on Certification.
PCC.III/DEC. 12 (V-96) Method to harmonize activities of PCC.III for coordinating the Standardization of Wireless Networks.

PCC.III/DEC.13 (VI-96) Relations with the sub-regional organisms on the establishment of a database on the usage of the radio spectrum

PCC.III/DEC. 14 (VI-96) Questionnaire on VSAT stations
PCC.III/DEC. 15 (VI-96) Certification Guidelines
PCC.III/DEC. 16 (VI-96) Database on the usage of the spectrum
PCC.III/DEC. 17 (VI-96) Identification of the Frequency Spectrum for Fixed wireless Access (FWA)
PCC.III/DEC.18 (VI-96) Proposed Structure for WRC-97