

PERMANENT COUNCIL



OEA/Ser.G  
CP/doc./05  
8 March 2004  
Original: Spanish

ANNUAL REPORT OF THE INTER-AMERICAN TELECOMMUNICATION COMMISSION  
TO THE GENERAL ASSEMBLY

This document is being distributed to the permanent missions  
and will be presented to the Permanent Council of the Organization.

ORGANIZATION OF AMERICAN STATES  
WASHINGTON, D.C.

THE SECRETARY GENERAL ACTING

March 2005

Excellency,

I have the honor to forward to Your Excellency a note dated March 8, 2005 from Mr. Clovis Baptista, Executive Secretary of the Inter-American Telecommunication Commission, CITEL, submitting to the General Assembly the Annual Report of CITEL for the year 2004-2005.

Accept, Excellency, the renewed assurances of my highest consideration.

Luigi R. Einaudi

His Excellency  
Manuel María Cáceres  
Ambassador, Permanent Representative of Paraguay  
to the Organization of American States  
Chairman of the Permanent Council  
Washington, D.C.





# CITEL

Inter-American Telecommunication Commission  
Comisión Interamericana de Telecomunicaciones

CITEL/CA.47/05  
March 8, 2005

Dear Mr. Secretary General:

I enclose herewith, for the purposes set forth in Article 91.f of the OAS Charter, the Annual Report of CITEL for the year 2004, in the original Spanish. Subsequently, we will send you the report translated into English, French, and Portuguese.

Sincerely yours,

Clovis Baptista  
Executive Secretary  
CITEL

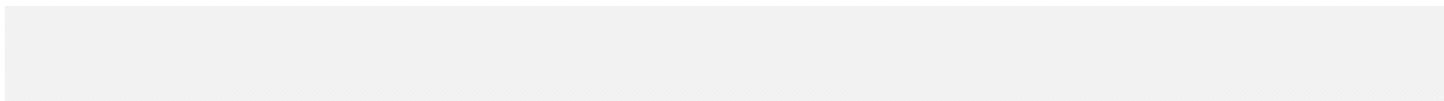
Amb. Luigi R. Einaudi  
Acting Secretary General  
Organization of American States  
Washington, D. C.  
United States of America

ORGANIZATION OF THE AMERICAN STATES

# ANNUAL REPORT 2004

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INTER-AMERICAN TELECOMMUNICATION  
COMMISSION  
CITEL



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## **EXECUTIVE SUMMARY**

In recent years, information and communications technologies (ICTs) have evolved in different ways, with consequent major repercussions for CITELE. Among changes that have occurred, we may point to:

- Broad acknowledgement of the role of telecommunications as a tool for the development of society;
- Convergence of telecommunication, information technology, and information system technological platforms;
- Expansion and diversification of telecommunications and radiocommunications, and rapid expansion of the supply of mobile services worldwide;
- Introduction of new technologies, broadband applications, and determination of new uses for existing technologies;
- Separation of the exploitation and regulatory functions, and the establishment of numerous independent telecommunication regulatory bodies;
- Opening of markets to competition with greater private sector participation;
- According a more important role to regional organizations;
- Limited geographic coverage of telecommunication infrastructure, stemming from different factors, including its costs.

CITELE was faced with many challenges in 2004 as, in an environment characterized by the critical situation of the ICT industry, with the consequent financial limitations, activities to improve access to ICTs continued, particularly in developing countries, so as to promote fulfillment of the Summit mandates.

Activities focused mainly on policy and technological issues. Among the first, we may point to the studies of interconnection, satellite regulation, universal access/service, tariffing, and implementation of IP telephony. Technology-related activities covered aspects such as broadband access technologies, communications for remote and rural areas, digital radio broadcasting technologies and systems, and harmonization of spectrum use.

Another major area of activity was human resource training through different distance and attendance-based courses on topics such as spectrum management, radio broadcasting, planning of mobile networks and communications, next generation networks and, in general, regulatory issues.

The ongoing challenge facing CITELE is to maintain its position as a leading intergovernmental organization, in which the Member States and Associate Members work together with a view to sustained growth and development of telecommunications and information networks in order to facilitate universal access and enable everyone to benefit from access to information.

With the aim of meeting the expectations of the Member States and Associate Members, thereby achieving CITELE objectives, it was decided to focus in the future on strategic issues, and on raising awareness and increasing knowledge of new technologies, to include in particular system migration/evolution processes. The future objective is to reconsider CITELE priorities, assisting developing countries to plan, exploit, update, and maintain the technologies most appropriate for service provision.

## **1. INTRODUCTION**

This Annual Report is published pursuant to the provisions of Article 90.f of the Charter of the Organization of American States and Article 17 of the Statute of CITELE. Its contents are in keeping with the guidelines established by the OAS General Assembly in resolution AG/RES. 1452 (XXVII-O/97) for preparation of annual reports on the activities of the organs, agencies, and entities of the Organization.

This report covers the period January-December 2004.

## **2. ORIGIN AND STRUCTURE OF CITELE**

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

### **2.1 Objectives and functions of CITELE**

#### **Objectives**

- a. To facilitate and promote, by all means available to it, the continuing development of telecommunications in this hemisphere.
- b. To promote and foster the existence of appropriate telecommunications for the process of regional development.
- 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 and criteria for the operation of the systems, in order to obtain maximum benefit from the available facilities for each individual country and for the region as a whole within the framework of global standardization of the International Telecommunication Union (ITU).
- e. To promote and study technical assistance, in agreement with the governments of the countries concerned.
- f. To foster the improvement and harmonization of administrative, financial, and operational procedures for the planning, installation, improvement, maintenance, and operation of telecommunication networks of the Member States of CITELE, within the framework of the recommendations of the ITU.
- g. 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.



## **Functions**

- a. To sponsor or undertake studies that will permit the orderly development of telecommunications networks, making use of the most suitable and efficient systems available.
- b. To maintain continuous contact with the various governmental and non-governmental organizations in the field of telecommunications, and to promote the coordination of their activities with those of the Member States of the Organization.
- c. To request the cooperation of world or regional governmental organizations, especially the ITU, the Caribbean Telecommunication Union, and of international agencies concerned with telecommunications that enjoy consultative status with the United Nations or maintain cooperative relations with the Organization.
- d. To collect and disseminate among the Member States of CITELE information pertaining to accomplishment of its objectives, as well as any other information that may be of interest.
- e. To serve as the principal advisory body of the Organization in all matters related to telecommunications in the Americas.
- f. To study the legal aspects of telecommunications, taking into account existing Inter-American instruments, with a view to the preparation of new draft conventions in this field.
- g. To study legal problems related to direct transmission via satellite, in order to prepare draft Inter-American conventions or agreements on this subject and to formulate a common position for the Member States of CITELE to take in this connection when dealing with the pertinent international agencies.
- h. To prepare studies on the harmonization and unification of the legislation of the Member States of CITELE on matters relating to telecommunications.
- i. To make recommendations in the field of telecommunications to the governments of the Member States of CITELE, taking into account those made by the ITU.
- j. To prepare and coordinate research in the field of telecommunications and electronics.
- k. To consider any other matters relating to Inter-American cooperation in the field of telecommunications as requested by the General Assembly, or the Councils of the Organization.

## **2.2 Members and participants**

All Member States of the Organization are Members of CITELE.

The following organizations and entities may participate as observers:

- OAS permanent observers and, with the approval of COM/CITELE, states of the Americas that are not members of the Organization that have requested to participate in a meeting;
- With the approval of COM/CITELE, non-American states that are members of the United Nations or its specialized agencies that have requested to participate in a meeting;
- Inter-American specialized organizations and entities of the Organization; and inter-American regional intergovernmental organizations;
- The United Nations and its specialized agencies;
- International and national organizations that are parties to agreements or arrangements establishing cooperation relations with the Organization, and/or with its organs, agencies, or entities when such agreements or arrangements provide for the participation of observers;
- With the approval of COM/CITELE, international, regional, sub-regional, and national agencies and organizations that carry out telecommunications activities in the region that have asked to participate in a meeting.

The Statute of CITELE also provides for participation, as an Associate Member of a Permanent Consultative Committee, by any agency, organization, or institution related to the telecommunications industry, which has legal personality, with the approval of the corresponding Member State of CITELE. As of January 2004, Associate Members make a minimum annual contribution of US\$2,500 to the funding of the Commission [CITELE/RES. 40 (III/02)] for each Permanent Consultative Committee in which they participate. Associate Members may participate fully, with voice but without vote, in all activities of that Permanent Consultative Committee. They may present technical documents, and receive the documents of the Committee of which they are Associate Members, and its working and ad hoc groups. As of December 2004, CITELE had 123 Associate Members. Appendix A contains a complete list of Associate Members.

### 2.3 Structure of CITELE

CITELE's structure is:

- Assembly of CITELE
- Permanent Executive Committee (COM/CITELE)
- Steering Committee
- Permanent Consultative Committees (PCCs):
- Permanent Consultative Committee I: Telecommunication Standardization (PCC.I)
- Permanent Consultative Committee II: Radiocommunications including Broadcasting (PCC.II)
- Conference Preparatory Working Group
- Secretariat

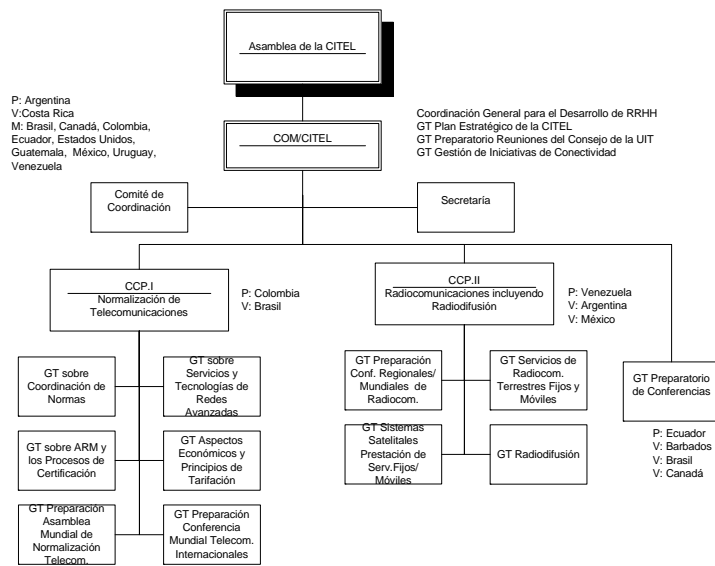


Figure 1: Organizational chart of CITELE

It should be noted that the Steering Committee generally meets once a year and assists in the Commission's administration and strategic planning. The Permanent Consultative Committees (PCCs) provide advisory services in connection with matters pertaining to their respective spheres of competence. The PCCs establish working groups and ad hoc groups when necessary to study topics of special interest. At present, there are 16 working groups and ad hoc groups that cover different aspects of telecommunications and radiocommunications. The Fourth Meeting of CITELE shall be held in 2006.

### **3. ACTIVITIES OF CITEL**

#### **3.1 Steering Committee of CITEL**

The Steering Committee comprises the Chair and Vice Chair of COM/CITEL and the Chairs of the PCCs. The X Meeting of the Steering Committee was held May 27-28, 2004, in Washington, D.C., United States. It discussed CITEL's future strategies and the status of fulfillment of the mandates of the third Summit of the Americas and the Fourteenth Meeting of COM/CITEL was planned. As part of the campaign to maximize the use of resources – both material and human – different activities were carried out during the above-mentioned week of May:

- XII Meeting of the Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU)
- Fifth Meeting of the Conference Preparatory Working Group to deal with the Regional preparations for the Worldwide Meetings and Conferences.
- Meeting of the Working Group on the preparations for the World Telecommunication Standardization Assembly (WTSA)
- Meeting for the consideration of the Update of the Blue Book “Telecommunication Policies for the Americas.” The telecommunications environment is under permanent evolution and it is essential to have a telecommunications policy that takes into consideration the opportunities the new information and communication technologies may offer. The purpose of the Blue Book is still that of being a tool for the countries of the region in the process of managing the communications and information sectors.
- Second regional dialogue on telecommunication policies: The Second regional dialogue was held on May 27, from 2:00 pm to 4:30 pm Washington time, DC, United States of America, with representatives from the administrations attending to the CITEL site and the following four Sites attending through video conference: Chile, Nicaragua, Peru, and the Dominican Republic. On this instance the Dialogue examined the first draft of the Blue Book prepared by an ITU expert based on the contributions received as at March 31, 2004. This Regional Dialogue used the global dialogue platform of the World Bank's Global Development Learning Network (GDLN).

#### **3.2 Permanent Executive Committee (COM/CITEL)**

Chair:	Mr. Mario Guillermo Moreno (Argentina)
Alternate Chair:	Mr. Carlos Cancelli (Argentina)
Vice Chair:	Mr. Claudio Bermúdez Acquart (Costa Rica)

The Permanent Executive Committee is the governing body of CITEL, and meets once each year. The Fourteenth Meeting of COM/CITEL was held in Buenos Aires, Argentina, November 30-December 3, 2004.

During this meeting, the following groups met:

- The Conference Preparatory Working Group, to address regional preparations for world conferences and meetings, which began preparations for the regional meeting to be held prior to the World Telecommunication Development Conference to be held in August 2005, in Lima,

Peru. Also reviewed the status of implementation of the Resolutions and Decisions of the ITU Plenipotentiary Conference.

- The Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU), which reviewed the outcome of the Council Session, as had been scheduled at the Tenth Meeting of the Steering Committee.
- The General Coordination for Human Resource Development, which approved five new CITEL Regional Training Centers (Universidad Colegio Mayor de Nuestra Señora del Rosario, of Colombia; Julio Garavito Colombian School of Engineering; University of Brasilia, of Brazil; Technological Institute of Buenos Aires (ITBA), of Argentina; and the National Center for Electronics and Telecommunications, Faculty of Physical Sciences and Mathematics, University of Chile) and prepared the preliminary course offerings for 2005.
- The Working Group on the Strategic Plan of CITEL, which launched a study to strengthen and amend this document, taking account of the changing telecommunication environment.

Several projects are also under way, among which we note:

- Preparation of a pilot project to promote access by indigenous peoples to a culture of information and communication and provide them with the necessary conditions to use ICTs. This project includes the creation of a site to facilitate this topic, to be developed in coordination with the Administration of Mexico and the ITU.
- Update of the Blue Book: “Telecommunication Policies for the Americas,” so as to gain broad knowledge of trends and best practices in fundamental regulatory issues and strengthen the harmonization, legislative, and regulatory process in the region. Note that in 2004, three meetings were held on this topic: May 27-28, 2004, in Washington, D.C., United States; and September 29-October 1, 2004 and November 29, 2004, both in Buenos Aires, Argentina.
- As the Fourth Summit of the Americas will be held in Argentina in the first week of November 2005, an ad hoc group was established, to have responsibility for preparing a draft declaration on telecommunication policies for the Americas and a plan of action for telecommunication development, with a view to implementing the objective contained in the theme of the Fourth Summit.

### **3.3 Permanent Consultative Committee I**

#### **Officers:**

#### **January-December 2004**

Chair:	Mrs. Martha Elena Pinto de De Hart (Colombia)
Alternate Chair:	Mr. Félix Castro Rojas (Colombia)
Vice Chair:	Mr. Marcos Bafutto (Brazil)

Permanent Consultative Committee I is the technical advisory body of CITEL in the area of telecommunication equipment certification processes, tariffing principles, and coordination of network and telecommunication service standards, and seeks to ensure the interoperability of such networks and services within the region. Two meetings were held in 2004: The Fourth Meeting, March 16-19, 2004, in Quito, Ecuador, and the Fifth Meeting, August 3-6, 2004, in Asuncion, Paraguay.

In 2004, PCC.I updated its work schedule, taking account of the rapid growth of fixed and mobile networks and communications over IP-based networks.

## **Main activities under way and new initiatives**

### **- Standards coordination**

In 2004, the following Standards Coordination Documents (SCD) were adopted.

- ITU-T Recommendation X.805, “Security architecture for systems providing end-to-end communications,” which defines an architecture that may be utilized in different types of networks where end-to-end security is a concern, together with the general security-related architectural elements necessary to provide end-to-end security;
- IETF RFC 2401, “Security Architecture for the Internet Protocol,” which is an open standards framework providing security for the transmission of sensitive data over unprotected networks such as the Internet.
- ITU-T Recommendation Q.1912.5, “Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol or ISDN User Part,” which defines the signaling interworking between the Bearer Independent Call Control protocol (BICC) or the ISDN User Part (ISUP) protocol and the Session Initiation Protocol (SIP), with its associated Session Description Protocol (SDP) at an Interworking Unit (IWU).

The future work plan provides for evaluating the progress made regarding signaling and security standards (fixed and wireless) to determine the possibility of adopting other Coordinated Standards Documents.

### **- Mutual Recognition Agreement (MRA) on telecommunication equipment**

Work has continued on procedures to harmonize conformity evaluation processes in the region, participating in seminars to explain the scope of CITEI’s Mutual Recognition Agreement. Work has also continued to update the “Yellow Book on Certification Processes of Telecommunication Equipment in the Americas.”

### **- Cybersecurity**

At the Fourth Meeting of PCC.I, a seminar was held on this issue to raise awareness among all parties regarding risks to information systems and networks and to develop measures necessary to address security risks through rapid response to cyber incidents. Based on the information gathered, work was carried out with the Inter-American Committee against Terrorism (CICTE) and the Group of Government Experts on Cyber Crime of the Meeting of Ministers of Justice or of Ministers or Attorneys General of the Americas (REMJA) to develop for the member states a draft comprehensive strategy on cybersecurity to address multidisciplinary and multidimensional aspects of cybersecurity. That strategy was adopted by the OAS General Assembly at its thirty-fourth regular session, held in June 2004.

To be noted in particular is the support provided in organizing the Symposium on Cybersecurity held on October 4, 2004, a day before the start of the World Telecommunication Standardization Assembly (WTSA-04), in Florianopolis, Brazil. The symposium discussed different, among them: threats to cybersecurity – the issues; experiences and measures to cope with them; and standards and aspects related to general policies, and regulatory and legal issues.

### **- Economic aspects and tariff principles**

Work is under way to update the document *Interconnection Guidelines*, a topic of crucial importance in regulation. The document contains principles regarding crucial elements in any interconnection system and provides specific examples of regulations in force in CITEI Member States to implement those principles. In addition, a study was prepared on economic aspects associated with IP technology, which includes a chapter in the report *Framework of the Study on Characteristics of Voice Based on Networks*

*Using IP* (CITEL's Technical Notebook 2). This report also contains technical operational aspects related to IP technology. An analysis of economic aspects of universal service is under way in the countries of the region and a study was begun on the impact of the cost of capital on the cost structure of telecommunication services, with the aim of identifying elements for selection of the most appropriate financing resources.

- **New technologies and services**

A report was approved on domain name registration methods and best practices. This report contains a complete explanation of how domain names are administered in the countries of the Americas. Also begun was a study on government policies and experiences of management of IP address blocks in the countries of the region, containing a comparative analysis of these experiences that identifies best practices.

Based on the study *Framework of the Study on Characteristics of Voice Based on Networks Using IP*, work was begun to prepare strategies and guidelines for migration from traditional to next generation networks, taking into consideration the need to expand network coverage, the universal service objective, quality of services, economic impact on operators, and user benefits.

- **Preparations for the World Telecommunication Standardization Assembly (WTSA-2004)**

The World Telecommunication Standardization Assembly (WTSA-04) was held in Florianopolis, Brazil. In the CITEL framework, 12 inter-American proposals were developed and approved, most of which were adopted by the Assembly. These proposals refer to ways to improve working methods and standards management within the ITU, ensuring that the most important issues for developing countries are examined, such as those pertaining to tariffs, network security, and third generation mobile systems.

- **Seminars, workshops, and informational meetings**

Workshops contributed to disseminating specialized knowledge on cutting-edge technologies. The following workshops were held:

- **Workshop on cybersecurity** (March 16, 2004), which discussed cybersecurity-related legal, technical, and political implications. The workshop was divided into four parts: (1) update on the work now being carried out by CICTE and REMJA to define the OAS Cybersecurity Strategy; (2) approaches taken in international cybersecurity provisions; (3) regional approaches to cybersecurity; and (4) discussion panel.
- **Workshop on economic aspects** (March 17, 2004), which discussed the cost structures of the main telecommunication services and their relationship to globalized markets. Different models of cost determination were presented based on the different approaches used by Administrations and international and regional organizations. There was also discussion of methods for determining interconnection charges in the Americas.
- **Workshop on next generation networks (NGNs)** (August 4, 2004), which examined different aspects to be taken into consideration for the introduction of these technologies. A vision was presented of NGNs as a 21<sup>st</sup> century architecture, reviewing international provisions, identifying user needs, and considering the advisability of promoting joint actions at the regional level for migration towards NGNs.
- **Videoconference/workshop on IP services** (August 3, 2004), in cooperation with the United States Telecommunications Training Institute (USTTI), to promote dialogue and discussion on crucial issues related to the introduction of Voice over IP technology in the Americas region. Five sites participated by videoconference: Chile, Nicaragua, Paraguay, Peru, and United States. Participating from the United States were representatives of AT&T, BellSouth, Cisco Systems, Inc., the Federal Communications Commission, Hewlett-Packard Company, and

Verizon Communications. This dialogue was conducted via the World Bank's GDLN platform.

### **3.4 Permanent Consultative Committee II: Radiocommunications including Broadcasting**

#### **Officers:**

Chair:	Mr. Alvin Lezama (Venezuela)
Alternate Chair:	Mr. Mikhail Marsiglia (Venezuela)
Vice Chairs:	Mr. Héctor Carril (Argentina)
	Mr. Ernest W. Smith (Jamaica)
	Mr. Carlos Merchán (Mexico)

Permanent Consultative Committee II is the technical advisory body of CITELE in the areas of coordination and harmonization of spectrum use-related standards, and planning and efficient use of the spectrum and satellite orbits for radiocommunication services, including broadcasting. Two meetings were held in 2004: the Third meeting, July 19-22, 2004 in Orlando, Florida, United States; and the Fourth Meeting, December 6-9, 2004 in Buenos Aires, Argentina.

The expansion of wireless technologies means that there must be growing recognition of the economic value of the frequency spectrum, and also that regulatory initiatives be developed for the spectrum intended to improve harmonization of frequency allocations and satellite orbit use. In addition to defining and applying strategies and policies for efficient management of the spectrum, PPC.II optimizes its use through planning, preparation of guidelines, and disseminating information on new services and technologies.

#### **Main activities under way and new initiatives**

This Committee has made extraordinary progress this year. Its main achievements are set out below:

##### **- World Radiocommunication Conference**

The World Radiocommunication Conference (WRC) is the international forum where Member States meet to review the international treaty known as the Radiocommunication Regulations, which contains frequency allocations for over 40 radiocommunication services, ranging from amateur radio operator and professional radiocommunication operator services to mobile wireless technologies and satellite communications. WRC-07 will examine some 30 agenda items, notable among them: progress made with new modulation techniques; adaptation of control techniques; and adjustment of spectrum requirements for broadcasting in decametric waves. The aim of these studies is to define sharing criteria and satellite network coordination and notification procedures.

In 2004, PCC.II established the structure, work plan, coordinators, and rapporteurs for the preparations for WRC-07, and began to receive preliminary points of view. Given the excellent outcomes of earlier international meetings, interregional coordination continues, with joint participation in meetings held on these topics by interregional organizations of Europe, Asia-Pacific, and the Russian Federation's Regional Commonwealth in the Field of Communications (RCC).

##### **- Fixed and mobile terrestrial radiocommunication services**

Work continues to identify the status of frequency use, particularly in Region 2, in order to develop resolutions and recommendations for harmonization of spectrum use for fixed and mobile terrestrial

radiocommunication services. In particular, the 400 MHz and 5 GHz bands are under study. Draft recommendations were prepared for regional harmonization of the 400 MHz and 5 GHz bands which, for example, take account of technical and operational conditions for devices utilizing these bands. Based on studies presented, the recommendation identifying frequency bands for IMT-2000 systems was updated. Such harmonization of bands enables global roaming to be facilitated and equipment costs to be minimized.

Also presented was information on new technologies such as radiofrequency identification (RFID) devices, which are based on a technology used to locate and identify a person or object via frequency transmission. This technology is being used in different sectors, such as transportation, security, medicine, and asset management.

- **Satellite systems for the provision of fixed and mobile services**

Based on the mandate of the Third Summit of the Americas (Quebec City, 2001) to simplify rules governing the provision of satellite services, a preliminary status report has been prepared for the promotion of broadband satellite services development by implementing appropriate regulatory frameworks.

Other reports now being prepared discuss: the operation of earth satellite vehicle (ESV) stations; procedures and guidelines for granting generic or block earth station licenses; and licensing and use of GMPCS systems.

The Fourth Meeting examined harmful interference from unauthorized satellite transmissions, which was a topic of particular interest in view of the harm they cause. Therefore, the topic will be considered at the Fifth Meeting in order to examine possible solutions.

- **Broadcasting**

A guideline on digital terrestrial broadcasting in the Americas is being prepared, which will make it possible to facilitate the implementation of such systems throughout the region as expeditiously as possible. In addition, the multiplier effect of large economies of scale will ensure that the process of conversion from analogue to digital television proceeds in as orderly a manner as possible and will make more efficient use of the spectrum through conversion to digital television.

- **Seminars, workshops, and informational meetings**

During 2004, 750 issues of the joint seminar with AHCIET on broadband satellite services were published electronically. The seminar provided an overview of broadband service, examined existing applications, and set out the general issues and the need for broadband implementation in the Americas. It concluded that broadband deployment is of great social and economic benefit, and discussed how to achieve the commercial and technical sustainability of broadband access. It was evident in all discussion groups that it was important for a common understanding of “network access” and “broadband” to be developed. At the Fifth Meeting of PCC.II, in coordination with the USTTI, a workshop on wireless broadband is scheduled to be held by videoconference, utilizing the World Bank’s GDLN network.

Among general activities scheduled for the future is determination of strategies for the development of/migration towards next generation networks, taking account of technical and economic parameters and compiling information on technical and regulatory aspects related to the effects of non-ionizing electromagnetic emissions.



#### **4. SUMMIT OF THE AMERICAS**

As noted in earlier annual reports, CITEL prepared the base document of the Agenda for Connectivity in the Americas and Plan of Action of Quito and, in view of the Agenda's multisectoral nature, this document was forwarded to the OAS Office of Summit Follow-up for its implementation. CITEL's activities will continue to focus on topics related to its mandate, and on providing support for the dissemination and understanding of the agenda for connectivity concept. CITEL has created and maintains a connectivity information page on its website to facilitate the exchange of this kind of information worldwide.

The most recent activities of the Consultative Committees have enabled rapid progress to be made regarding the mandates assigned to CITEL by the Summit, in particular, those pertaining to:

- Proposal of measures intended to update national legislation;
- Simplification of provisions governing the provision of satellite services in our countries;
- Promotion of modernization and expansion of telecommunication infrastructure in rural and urban areas through timely incorporation of new technologies and services;
- Facilitation of the enhancement of telecommunication sector human resources by means of ongoing training programs;

A study is under way to evaluate the planning and possible implementation of the Agenda for Connectivity in the region and determine national connectivity schedules, particularly with respect to the use of ICTs.

The Fourth Summit of the Americas, to be held in Mar del Plata, Argentina in the first week of November 2005, will give CITEL an opportunity to present this evaluation of connectivity initiatives in the region. A draft telecommunications plan of action will also be presented, which will serve as a guide for telecommunication sector development in the Hemisphere. This, in turn, will allow for the coordination of active policies that not only will encourage the development of businesses and productive investment, but also will prioritize the creation of decent jobs, within the framework of a new paradigm that will bring a strong ethical content to the economic transformations.

#### **5. ACTIVITIES OF THE SECRETARIAT**

The main duties and responsibilities of the Secretariat are defined in Articles 25, 26, and 27 of the Statute of CITEL and in Articles 91 and 92 of CITEL's Rules of Procedure.

##### **5.1 Improvement of the procedures of CITEL**

During 2004, all possible efforts were made to foster CITEL's strengths, encourage priority activities, update CITEL's image, and carry out activities to retain the current number of Associate Members and attract new members.

In order to encourage the active participation of current and new members, an effective and efficient regulatory framework and an active value promotion plan of CITEL are required to convince them of CITEL's advantages, highlight its worldwide recognition, its credibility, the high quality and impact of its

recommendations, as well as its willingness for change based on the needs/priorities of the countries in the region.

Efforts continue to update CITEL's new Web page (<http://www.citel.oas.org>). In addition, wireless access to documents at meetings of CITEL is now a normal working procedure, thereby substantially reducing the cost of meetings.

In addition, the CITEL Secretariat continues to review possible databases of interest to the region, such as: an administration system for the Inter-American Mutual Recognition Agreement for Conformity Assessment of Telecommunication Equipment (IMRA), and databases on mobile operators, spectrum allocation, and telecommunication courses.

## 5.2 Representation of CITEL in other forum

The Secretariat participated in the following meetings not included on CITEL's regular schedule of activities.

Meeting	Site and date	Representative
CTU 7 <sup>th</sup> Seminar on Telecommunications Policies	St. Kitts/Nevis March 3-4, 2004	Clovis Baptista
Meeting of Government Experts on warning networks – Cybersecurity workshop	Ottawa, Canada March 29-30, 2004	Clovis Baptista
e-Panama I International Forum	Panama City, Panama April 5-8, 2004	Clovis Baptista
ITU-D – Workshop “Current Issues in Applying Telecommunications Laws and Policies, and Regulations”	Rio de Janeiro, Brazil April 19-20, 2004	Clovis Baptista
Hemispheric Advisory Board of the Connectivity Institute of the Americas (ICA)	Ottawa, Canada April 26-28, 2004	Clovis Baptista
XXXI OAS Course on International Law	Rio de Janeiro, Brazil August 16-17, 2004	Clovis Baptista
Cybersecurity Seminar	Florianopolis, Brazil October 4, 2004	Clovis Baptista
ITU- World Telecommunications Standardization Assembly 2004	Florianopolis, Brazil October 5-14, 2004	Clovis Baptista

Also to be noted is the participation in preparatory meetings for the World Radiocommunication Conference (WRC-07) by Member States representing PCC.II.

## 6. MAINSTREAMING GENDER IN THE WORK OF CITEL

CITEL has always encouraged the full and equal participation of women in decision-making at every level, as is demonstrated by the list of CITEL's officers and the number of women in leadership positions within CITEL. In 2004, CITEL worked in different areas that have included gender initiatives. The main such activities are listed below:

**Training:** The General Coordination for Human Resource Development of CITEL, who determines the telecommunication training program with a view to meeting the needs of CITEL Members, in selecting fellowship recipients and course materials, focuses especially on promoting gender equality. In particular, a list is being prepared of courses now available in the region, which will indicate the courses using materials with content that links telecommunications and gender mainstreaming, such as the workshop on gender mainstreaming in telecommunications policies, available at [http://www.itu.int/ITU-D/gender/Training\\_Resources/index.html](http://www.itu.int/ITU-D/gender/Training_Resources/index.html). This workshop includes modules on the most important topics for the sector, such as "strategic change management" and "human resources: a true agent of change."

**Standardization activities:** The World Telecommunication Standardization Assembly, held in Florianopolis, Brazil, October 5-14, 2004, adopted a resolution to promote gender mainstreaming in the activities of the Telecommunication Standardization Sector (ITU-T) in the next four-year period, and encouraged Members to contribute to accomplishing the gender equality objectives through the participation of qualified women and men in standardization activities and in leadership positions.

**Development activities:** Preparation of inter-American proposals has begun for the World Telecommunication Development Conference (WTDC) to be held in 2006. The objective of this Conference is the review the evolution of world telecommunications and define measures for its balanced development. In order to consolidate views at the regional level, a regional ITU meeting will be held in Lima, Peru, in August 2005, at which consideration will be given to including a session on gender issues. This session would focus on planning strategic actions to promote women's access to education and training on information and communication technologies (ICTs).

In its work plan, CITEL will continue to promote a better understanding of the relationship between ICTs and gender so as to raise awareness of the importance of telecommunication regulatory policies that take account of gender issues.

## 7. COOPERATION RELATIONS WITH REGIONAL AND INTERNATIONAL ORGANIZATIONS

CITEL cooperation with international and regional organizations continues to grow as a means to improve efficiency, avoid duplication of effort, and reduce time for resolving disputes arising through premature consideration of different issues. Such agreements are not ends in themselves. Rather, their objective is to ensure that, through cooperation with other organizations on topics of common interest, synergies will be obtained that will enhance the efficiency of the parties. In general, the cooperation agreements provide for coordination and cooperation in carrying out the activities that both parties have included in their annual work programs, such as: organization of seminars on topics of common interest; collaboration on joint projects; and joint training and publications. In addition, they provide for access by the parties to documents and publications pertaining to their programs and activities. Through the collective efforts of the Permanent Consultative Committees of CITEL, the organization has gained considerable international recognition, as the number of cooperation agreements concluded attests.

Among activities emanating from these agreements, for 2004, we may stress: updating of the Blue Book on Telecommunications Policies for the Americas.

In respect of preparatory work for the ITU International Conferences, there is ongoing and constantly improving coordination with APT and CEPT. In particular, in 2004, the ITU World Telecommunications Standardization Assembly was prepared, which took place in Brazil in October 2004.

The table below sets out the organizations with which CITELE has concluded cooperation agreements.

Body	Objective	Date of signature/ termination
Latin-American Association of Research Centers and Telecommunication Companies (AHCINET) <sup>1</sup>	An association of research centers and telecommunication companies whose purpose is to promote and cooperate in the development of various technical, administrative, and training aspects in the telecommunications area, with a view to optimal promotion of the areas of research, study and company administration.	Signed: November 15, 1996
Latin American Wireless Industry Association (ALACEL)  <ALACEL joined forces with AHCINET Móvil in April 2004>  (See Annexes 4 and 5)	A non-profit association of mobile telephony companies operating in Latin America, whose objectives are: 1. To represent and defend the general interests of its member companies in activities and processes in the context of wireless telephony service in Latin America. 2. To serve as an organ for consultation and collaboration among the regulatory authorities of the Latin American governments in designing and implementing policies, programs, and instruments to facilitate the expansion of telephony services. 3. To maintain and increase relations between companies, organizations, and associations involved in mobile telecommunications and to this end carry out any necessary and appropriate activities for the development thereof.	Signed: May 31, 2002  Terminated: May 13, 2004
Andean Community Telecommunications Enterprises Association (ASETA)	An international organization with broad experience in the telecommunications area	Signed: December 14, 2001
Alliance for Telecommunication Industry Solutions (ATIS) Committee T1 (U.S.) <sup>2</sup>	Establishes standards for planning, designing, and the operation of global end-to-end telecommunications and related telecommunications services.	Signed: August 24, 2001
African Telecommunications Union (ATU)	An agency of the African Union (AU) established by the fourth regular meeting of the Plenipotentiary Conference of the African Telecommunications Union as the successor to the Pan African Telecommunications Union (PATU). Its objective is to promote the rapid development of info-communication in Africa in order to achieve, in the most efficient manner, universal service, universal access, and full inter-country connectivity.	Signed: June 13, 2003
Caribbean Latin American Action	An independent private organization for the promotion of	Signed: August 16,

<sup>1</sup> See Appendix 2 for specific activities.

<sup>2</sup> See Appendix 2 for specific activities.

Body	Objective	Date of signature/ termination
(C/LAA)  <C/LAA changed its name to CCAA but the CITELE Secretariat has not received official notice of how that change might affect the Agreement entered into.>	private sector-led economic development in the Caribbean area and throughout the Hemisphere	2002
CDMA Development Group (CDG)	A consortium of companies that have joined together to provide leadership in the adoption and evaluation of CDMA systems worldwide	Signed: October 21, 2003
European Conference of Postal and Telecommunications Administrations (CEPT)	An independent organization that cooperates with the European Union and the European Free Trade Association, other pertinent inter institutional organizations, and other organizations associated with postal services and electronic communications	Signed: March 21, 2002
European Telecommunications Standards Institute (ETSI)	Carries out pre-standardization and standardization activities in areas common to telecommunications, information technology, and sound and television broadcasting, and produces European standards in the telecommunications area.	Signed: July 17, 2001
3G Americas	To encourage and facilitate the deployment of GSM, GPRS, EDGE, and UMTS (WCDMA) in the Americas.	Signed: August 31, 2004
Global VSAT Forum	An independent non-profit organization that promotes private sector-led economic development worldwide, including the Americas	Signed: October 1, 2003
International Astronautic Federation (IAF)	A nongovernmental, non-profit organization for the advancement of knowledge of space and the development and application of space resources to benefit mankind	Signed: August 25, 2003
Pan American Health Organization (PAHO)	A public health agency with 100 years' experience working to improve health and living standards in the Americas. Internationally recognized, part of the United Nations system, and serves as the World Health Organization's regional office for the Americas. The agreement with PAHO pertains specifically to collaboration in preparing the book on tele-health.	Signed: September 19, 2003
Telecommunication Industry Association (TIA) (U.S.) <sup>3</sup>	Pre-standardization and standardization activities in areas common to telecommunications, through a consensus-based process that includes all interested parties. It has been accredited by the American National Standards Institute (ANSI) and has ensured TIA's compliance with ANSI's rules for openness and balance. TIA's objective is to contribute to worldwide standardization at the international level and it works very closely with European and Asian standards organizations.	Signed: August 20, 2001
Regional Commonwealth in the Field of Communications	Created by the communications administrations of the states indicated in the agreement establishing a Regional	Signed: August 14, 2002

<sup>3</sup> See Appendix 2 for specific activities.

Body	Objective	Date of signature/ termination
(Federación de la Mancomunidad Regional en el Área de Comunicaciones) (RCC)	Commonwealth in the Field of Communications (December 17, 1991), with the aim of ensuring broad cooperation and to carry out coordinated activities among these states in the area of postal communications and telecommunications. (Azerbaijan Republic, Republic of Armenia, Republic of Belarus, Georgia, Republic of Kazakhstan, Kyrgyz Republic, Republic of Moldova, Russian Federation, Republic of Tajikistan , Republic of Turkey Turkmenistan, Republic of Uzbekistan , Republic of Ukraine)	
Unión Postal de las Américas, España y Portugal (UPAEP)	An intergovernmental organization whose mission is to coordinate the regulation of postal activity and postal policy in general among its member states to ensure that universal service is provided on an equal access basis as a means of ensuring quality of service and safeguarding customer's rights.	Signed: May 29, 2002
International Telecommunication Union	An international organization of the United Nations system, in which governments and the private sector coordinate global telecommunications networks and services. An agreement was signed between the ITU and the OAS, not with CITELE in particular, in 1969. In April 2004 an Agreement specific to the training program was signed with the ITU Centre for Excellence. To complement this Agreement, a specific tripartite agreement was entered into between CITELE, the ITU and the Regional Training Centers that run the courses, indicating a number of aspects we have already mentioned: each organization's responsibilities, number of fellowships, copyright and assessment of quality of material. These agreements would normally remain in force until conclusion of the different courses.	Signed: May 16, 1969  Signed: April, 2004

## 8. STATUS OF INTERNATIONAL CONVENTIONS SPONSORED BY CITELE

### 8.1 Lima Convention

The Inter-American Convention on Amateur Service was adopted in Lima, Peru, in 1987, at the Fifth Inter-American Telecommunication Conference [CITELE/RES.130 (V-87)], and amended in 1988, at the First Special Meeting of CITELE [CITELE/RES.141 (I/E-88)] to permit and facilitate full participation by Member States of CITELE. This Convention provides for the use of amateur radio service by nationals of a Member State in the territory of another Member State.

This Convention came into force on February 21, 1990. The OAS General Secretariat is the depository for the original instrument, and for the instruments of ratification and accession thereto.

Signatory country	Date of signature	RA/AC/AD	Date of deposit of instrument
Argentina	08/14/87	RA 03/11/90	12/06/90
Bolivia	08/14/87		
Brazil	08/14/87		
Canada		AD 04/06/89	05/18/89
Chile	08/14/87		
Colombia	08/14/87		
Guatemala		AD 12/05/89	01/22/90
Haiti	08/14/87		
7. Mexico		AD 03/13/89	06/21/89
Paraguay	09/07/95	RA 05/24/95	09/15/95
Peru	08/14/87		
Suriname	08/14/87		
United States	08/14/87	AC 02/21/91	03/20/91
Uruguay	08/14/87		
Venezuela		AD 10/14/88	11/30/88

RA= ratification

AC= acceptance

AD= accession

The signatures not subject to ratification, approval, or acceptance (under Articles 7.a and 10 of the Convention, these countries are Parties to the Convention) are: Argentina, Bolivia, Brazil, Colombia, Chile, Haiti, Peru, and Suriname.

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

## 8.2 Inter-American Convention on the International Amateur Radio Permit (IARP)

This was approved at the Second Meeting of CITEL's Permanent Executive Committee, held in December 1994 [COM/CITEL/RES. 5 (II-94)]. It was subsequently adopted in Montrouis, Haiti at the twenty-fifth regular session of the General Assembly [AG/RES. 1316 (XXV-O/95)].

This Convention provides for temporary operation of amateur radio stations in one Member State by persons holding IARP permits issued by another Member State without need for further review. Any Member State may issue permits to its citizens to operate in another Member State. The IARP Convention came into force on February 23, 1996. The OAS General Secretariat is the depository for its instruments of ratification, acceptance, and accession.

Signatory country	Date of signature	RA/AC/AD	Date of deposit of instrument
Argentina		AD 01/29/97	03/03/97
Brazil	01/24/97	RA 08/19/99	09/28/99
Canada	09/27/95	AC 09/27/95	09/27/95
El Salvador	03/18/99		
Panama	09/04/02	RA 03/02/03	27/03/03
Peru	09/15/95	RA 12/28/95	01/24/96
Trinidad and Tobago		AD 13/07/01	16/08/01
United States	06/08/95		
Uruguay	06/08/95		

Signatory country	Date of signature	RA/AC/AD	Date of deposit of instrument
Venezuela	02/05/95		

### 8.3 Protocol of Amendment to the Inter-American Convention on the International Amateur Radio Permit (IARP)

At its thirty-third regular session, the General Assembly of the OAS, in resolution AG/RES. 1947 (XXXIII-O/03), adopted the Protocol of Amendment to the Inter-American Convention on the Amateur Radio Permit, intended to grant holders of the Radio Amateur License of the member countries of the European Conference of Postal and Telecommunications Administrations (CEPT) that have implemented CEPT's Recommendation T/R 61-01, "CEPT Radio Amateur License" the same rights and privileges granted to IARP holders of CITEL Member States that become States Parties to the Protocol, while CEPT extends to holders of IARPs the same privileges and exemptions granted to holders of CEPT Radio Amateur Licenses of the member countries of CEPT that have implemented the aforementioned Recommendation.

This new procedure will reduce the countries' workload and, therefore, the costs involved, and will be of fundamental importance, in particular, in emergency situations. Thus far, there are no signatories to the Protocol.

## 9. TRAINING ACTIVITIES SPONSORED BY CITEL/OAS

The altered telecommunications environment has increased the need for professional development of telecommunication human resources in the region through training on priority topics. CITEL currently has 15 Regional Training Centers throughout the region, and works in close coordination with the ITU Center of Excellence for the Americas Region.

The program of courses to which the fellowships pertain was prepared based, in general, on the surveys of the region's needs. Evaluations received from fellowship recipients indicate that the courses generally meet their expectations, and those of their national Administrations and host training institutions. In 2004, pursuant to resolution COM/CITEL RES. 159 (XIII-03), fellowships were offered for 10 distance education courses and five attendance-based courses, details of which are given below. The distance Spectrum Management course with emphasis on space services, which could not be given in 2003, was given from April 19 to May 21, 2004. Thirty-three fellowships were awarded for this course. The course was given utilizing funds from CITEL's budget for 2003, and therefore is not included in the table below.

Course	Offered by	Date and site	Language	Number of fellowships
Telecommunication networks for non-technical [1]	<i>Comisión Técnica de Telecomunicaciones de Centro América (COMTELCA)</i>	Distance education (10 weeks) 2 August 2 to October 8, 2004	Spanish only	23 registration fee fellowships awarded (US\$200)
Network Interconnection (Level II) [2]	<i>Asociación de Ingenieros de Colombia (ACIEM)</i>	Distance education (6 weeks) August 30 to October 8, 2004	Spanish and English	11 registration fee fellowships awarded (US\$200)
Negotiation Strategies [3]	<i>Asociación de Ingenieros de Colombia (ACIEM)</i>	Distance education (6 weeks) October 11 to Nov.	Spanish and English	37 registration fee fellowships awarded (US\$200)



Course	Offered by	Date and site	Language	Number of fellowships
		19, 2004		
Integral Project Management [4]	<i>Administración Nacional de Telecomunicaciones de Uruguay</i>	Distance education (8 weeks) October 18 to Dec. 10, 2004	Spanish and English	20 registration fee fellowships awarded (US\$200)
Mobile Network Planning [5]	School of Engineering and Technology of the Catholic University of Uruguay	Distance education (8 weeks) October 25 to Dec. 17, 2004	Spanish and English	11 registration fee fellowships awarded (US\$200)
Telecommunication Price and Cost Analysis [6]	<i>Comisión Federal de Telecomunicaciones (COFETEL)</i> , Mexico	Attendance-based (3 days) Mexico City, Mexico – Nov. 22 to 24, 2004	Spanish only	5 travel fare fellowships
Digital Subscriber Line (DSL) as Multimedia Service Support [7]	ITU Center of Excellence	Distance education (7 weeks) 2 Nov. 29, 2004 to Jan. 28, 2005 (with a recess from Dec. 13, 2004 to Jan. 14, 2005)	Spanish and English	24 registration fee fellowships awarded (US\$200)
Digital Signature: Usage, Meaning, and Significance [8]	ITU Center of Excellence	Distance education (7 weeks) Nov. 29, 2004 to Jan. 28, 2005 (with a recess from Dec. 13, 2004 to Jan. 14, 2005)	Spanish and English	10 registration fee fellowships awarded (US\$200)
Regulation of the Telecommunication Sector [9]	<i>Instituto Nacional de Investigación y Capacitación de Telecomunicaciones del Perú (INICTEL)</i>	Distance education (7 weeks) March 28 to May 13, 2005	Spanish and English	28 registration fee fellowships awarded (US\$200)

In addition, through the 2004 Professional Development Scholarships Program of the Inter-American Agency for Cooperation and Development (IACD), the following courses were given, which were selected by CITELE taking into account the priority training needs of the countries of the region:

Course	Offered by	Date and site	Language	Number of fellowships
New Broadcasting Technologies [10]	Broadcasting Board of Governors, US International Broadcasting/Voice of America in cooperation with the Institute of Electrical and Electronics Engineers (IEEE) (broadcasting technology) under the auspices of the United States Telecommunications Training Institute (USTTI)	Attendance-based (17 days) Washington, D.C. USA, May 10 to 26	English only (only candidates from the Caribbean countries)	5 travel fare fellowships
VoIP Technologies [11]	ITU Center of	Attendance (5 days)	Spanish only	23 travel fare

Course	Offered by	Date and site	Language	Number of fellowships
	Excellence for the Americas Region, through the ICE, Costa Rica	San José, Costa Rica – July 12 to 16, 2004		fellowships
Strategic and Technological Management of E-Business [12]	ITU Center of Excellence for the Americas Region, through <i>Administración Nacional de Telecomunicaciones de Uruguay</i> (ANTEL), Asociación de Compañías de Telecomunicaciones de la Región Andina (ASETA), and the Universidad Blas Pascal (UBP)	Attendance (3 days) Cartagena de Indias, Colombia – August July 18 to 20, 2004	With interpretation services Spanish and English	21 travel fare fellowships
New Generation Networks [13]	ITU Center of Excellence for the Americas Region	Attendance-based (5 days) San José, Costa Rica – Sept. 27 to Oct. 1, 2004	Spanish only	29 travel fare fellowships
Costing and Evaluation of Network Service Projects Applied to Decision-making [14]	School of Engineering and Technology of the Catholic University of Uruguay	Distance education (7 weeks) 2 Nov. 1 to Dec. 17, 2004	Spanish only	17 registration fee fellowships awarded (US\$200 = US\$100 (OAS) + US\$100 (UCU ITU ))
Telecommunication Price and Cost Analysis [6]	<i>Comisión Federal de Telecomunicaciones</i> (COFETEL) of Mexico	Attendance-based (3 days) Mexico City, Mexico Nov. 22 to 24, 2004	Spanish only	10 travel fare fellowships

A table summarizing the number of fellowships awarded in 2004, in the order of the courses as listed above, is given below. Member States that have not presented candidacies are urged to disseminate the fellowships as widely as possible so that the benefits of the courses are made available to everyone in the region. Member States are also urged to simplify CITEL fellowship application procedures.

COUNTRY	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	TOTAL
ANTIGUA AND BARBUDA				1	1							3			5
ARGENTINA	2			3		1			4		1				11
BAHAMAS (COMMONWEALTH OF THE)															0
BARBADOS		3	4							1		4			12
BELIZE															0
BOLIVIA			3			2	3	1	1						10
BRAZIL															0
CANADA															0
CHILE	1		2			2	1		1		3		4		14
COLOMBIA	4					1	4	1	4		2		4	4	24
COSTA RICA		1	3	3		3			3			3		4	20
DOMINICA (COMMONWEALTH OF)										1					1
DOMINICAN REPUBLIC	3						1		1				3		8
ECUADOR			1	3					3		1	4	4	2	18
EL SALVADOR	1	1	1						1		1				5
GRENADA															0
GUATEMALA	1	1						4				1		1	8
GUYANA															0
HAITI															0
HONDURAS	4		4	1	2	1	1		4						17
JAMAICA		2					2			1					5
MEXICO			1				2	1			2				6
NICARAGUA			4	5		1	2	3			2		4	2	23
PANAMA			3		4		2	1			2	3	3		18
PARAGUAY	1		2						2		1				6
PERU	4			4	4	1	1	1			1		4	4	24
SAINT KITTS AND NEVIS															0
SAINT LUCIA							1	1						1	2
SAINT VINCENT AND THE GRENADINES															0
SURINAME		2	2					1		1					6
TRINIDAD AND TOBAGO			1									1			1
UNITED STATES															0
URUGUAY	1	1	3			2	4	4	4		3		1		23
VENEZUELA	1		4			1					3	2	2		13
TOTAL FELLOWSHIPS AWARDED	23	11	37	20	11	15	24	17	28	4	23	21	29	17	280
COUNTRY TOTAL	11	7	14	7	4	10	12	9	11	4	13	8	9	7	

## 10. BUDGET OF CITEL

### 10.1 Budget and execution for 2004

	Original allocation (in US\$1000s)	Amended allocation (in US\$1000s)	Expenditure as of 12/31/04
Travel	20.6	10.7	6.3
Preparation of documents	9.8	2.1	1.7
Equipment and office supplies	9.9	13.2	9.7
Building and maintenance	37.2	30.1	30.1
Translators, interpreters, support staff	59.6	60.0	76.9
Other items	5.4	17.7	9.1
Subtotal	142.5	133.8	133.8
Executive Secretariat staff	451.3	443.2	443.2
<b>TOTAL</b>	<b>593.8</b>	<b>577.0</b>	<b>577.0</b>

### 10.2 Budget for 2005

The projected allocation to CITY from the OAS Regular Fund is US\$ 526.9 for 2005.

	Allocation for 2004 (in US\$1000s)	Allocation for 2005 (in US\$1000s)	Percent variation between 2004 and 2005 budgets
Personnel costs	443.2	436.6	
Activity costs	133.8	90.3	
<b>TOTAL</b>	<b>577.0</b>	<b>526.9</b>	<b>-9.1%</b>

### 10.3 Fellowships

CITEL had a budgetary allocation of US\$46,700 to provide fellowships in 2004. Funds were used as indicated in the table below. Note that in many cases, the assigned number of fellowships could not be awarded as not enough applications were received. This was even more marked in the case of distance courses, owing to the lengthy procedures involved and the small amount of the fellowship. For distance courses, we note that the candidates increasingly prefer to pay the corresponding registration fees directly.

Also provided below are the results of the fellowships for courses that were selected in the OAS professional development fellowship competition.

<b>COURSE</b>	<b>NUMBER OF FELLOWSHIPS AWARDED</b>	<b>COST PER FELLOWSHIP RECIPIENT</b>	<b>NUMBER OF FELLOWSHIPS AWARDED</b>	<b>TOTAL COST TO CITEL</b>
[1] Telecommunications Course for Non-Technical	23	200	23	4600
[2] Network Interconnection (Level 2)	30	200	11	2200
[3] Negotiation Strategies	50	200	37	7400
[4] Integral Project Management	50	200	20	4000
[5] Mobile Network Planning	30	200	11	2200
[6] Telecommunication Price and Cost Analysis	5	1000	5	4238.54
[7] Digital Subscriber Line (DSL) as Multimedia Service Support	50	200	24	4800
[8] Digital Signature: Usage, Meaning, and Significance	50	200	17	3400
[9] Regulation of the Telecommunication Sector	50	200	27	5400
	<b>310</b>		<b>175</b>	<b>38238.54</b>

<b>Courses selected in the IACD competition</b>	<b>Number of fellowships assigned</b>	<b>Number of fellowships awarded</b>
[10] New Broadcasting Technologies	5	4
[11] VoIP Technologies	25	23
[12] Strategic and Technological Management of E-Business	30	21
[13] New Generation Networks	30	29
[14] Costing and Evaluation of Network Service Projects Applied to Decision-making	140	17
[6] Telecommunication Price and Cost Analysis	10	10
		104

#### 10.4 External resources

Any incorporated entity, organization, or institution related to the telecommunication industry may, with the approval of the corresponding Member State of CITEL, become an Associate Member of a Permanent Consultative Committee. Applications from entities wishing to become Associate Members of a PCC are forwarded by the Member State together with a notification of the contributory unit selected. As of January 1, 2004, the value of the contributory unit is US\$2,500.

As of December 31, 2004, CITEL had received a total of US\$377,602 from the Associate Members, distributed as follows:

	<b>PCC.I</b>	<b>PCC.II</b>
<b>2004</b>	114,885.50	179,472.50
<b>2002 – 2003</b>	28,635.50	54,608.50
<b>TOTAL:</b>	<b>143,521.00</b>	<b>234,081.00</b>

For 2004, a total of US\$ 25,601 in contributions were outstanding:

	<b>PCC.I</b>	<b>PCC.II</b>
<b>2004</b>	7,763.50	17,837.50

CITEL has 123 Associate Members. Arrearages in payments of contributions for the 2002-2003 biennium are as follows:

	<b>PCC.I</b>	<b>PCC.II</b>	<b>TOTAL</b>
<b>2002-2003</b>	4,000	15,309	19,309

The table below shows the use made of external funds, expressed in US\$, by each PCC, as of December 31, 2004:

<b>COMMITTEE</b>	<b>INCOME</b>	<b>EXPENDITURE</b>	<b>BALANCE</b>
<b>PCC.I</b>			
Carryover as of 1/1/04	19,050.00		
Adjustment	8,740.00		
Income as of 12/31/04	143,521.00		
Subtotal	171,311.00	148,903.00	22,408.00
<b>PCC.II</b>			
Carryover as of 1/1/04	64,456.00		
Adjustment	6,548.00		
Income as of 12/31/04	234,081.00		
Subtotal	305,085.00	202,025.00	103,060.00
<b>TOTAL</b>	<b>476,396.00</b>	<b>350,928.00</b>	<b>125,468.00</b>

**11. SCHEDULE OF MEETINGS OF CITEL FOR 2005**

<b>MEETING</b>	<b>DATE</b>	<b>SITE</b>
VI Meeting of PCC.I	April 11-14, 2005	Tegucigalpa, Honduras
V Meeting of PCC.II	April 26-29, 2005	Guatemala City, Guatemala
XV Meeting of the COM/CITEL	June 1-3, 2005	Washington, DC, United States
XV Meeting of the Working Group to Prepare for the Meetings of the Council of the ITU	During the meeting of the Steering Committee	Washington, DC, United States
VI Meeting of the Conference Preparatory Working Group	During the meeting of the Steering Committee	Washington, DC, United States
XVI Meeting of the Working Group to Prepare for the Meetings of the Council of the ITU	July 12-22, 2005	Geneva, Switzerland
VII Meeting of PCC.I	September 20-23, 2005	To be confirmed
VI Meeting of PCC.II	October 25-28, 2005	Costa Rica
XVI Meeting of COM/CITEL	November 29-December 2, 2005	Argentina
XVII Meeting of the Working Group to Prepare for the Meetings of the Council of the ITU	During the meeting of the COM/CITEL	Argentina
VII Meeting of the Conference Preparatory Working Group	During the meeting of the COM/CITEL	Argentina

**12. RESOLUTIONS TO BE SENT TO THE OAS GENERAL ASSEMBLY**

Presented below is a draft resolution that CITELE wishes to present to the General Assembly at its regular session to be held in 2005:

**DRAFT RESOLUTION  
AG/RES. WWW (XXXV-O/05)  
SUPPORT FOR THE ACTIVITIES OF AND PREPARATIONS FOR  
THE FOURTH REGULAR MEETING OF THE CITELE ASSEMBLY**

**THE GENERAL ASSEMBLY,**

**HAVING SEEN** resolution **AG/RES. 2020 (XXXIV-O/04)**, which requests the Inter-American Telecommunication Commission (CITELE) to present a follow-up report on its activities to the General Assembly at its thirty-fifth regular session;

**RECOGNIZING:**

The economic and social part played by telecommunications in our society;

The speed of technological change, the need to adapt telecommunication systems to the political and technical environment and to market requirements, and the importance of investment made to address that need;

The importance of ensuring that the Organization continues enthusiastically and decisively to promote access by all citizens to telecommunications and to information technologies;

**BEARING IN MIND:**

That, at the Third Regular Meeting of the CITELE Assembly, held in Washington, D.C., United States, in August 2002, the Administration of Costa Rica was chosen to host the Fourth Regular Meeting of the CITELE Assembly;

That holding a meeting at such a level is of the utmost importance to the Hemisphere in determining the priorities, needs, and recommendations of the telecommunications authorities of the Americas;

**TAKING INTO ACCOUNT:**

That CITELE is the leading inter-American forum for dialogue on telecommunications matters and that it performs a task of the highest importance and effectiveness in following up on the telecommunications initiatives of the Summits of the Americas and implementing programs and projects of great value for the development of the countries of the Hemisphere;

That it is necessary to encourage active, high-level participation by the member states in formulating policies and designing and implementing priority strategies and plans;

The significant progress made in identifying the region's telecommunications priorities; and



**UNDERSCORING:**

The following activities undertaken by CITELE in 2004:

- a. Approval of various recommendations dealing with the coordination of appropriate, stable, and viable standards to ensure the interoperability and timely introduction of advanced technologies, particularly standards for protecting key infrastructure, broadcasting topics, spectrum harmonization, problems associated with telecommunications convergence, and economic aspects of telecommunications;
- b. Making available different telecommunication professional development courses, using materials prepared by accredited training centers in the region and in coordination with the Center of Excellence for the Americas Region of the International Telecommunication Union (ITU);
- c. Presentation of a harmonized regional vision, through the development of inter-American proposals, to the 2004 World Telecommunication Standardization Assembly. Preparations have also continued for the 2006 World Telecommunication Development Conference, 2006 ITU Plenipotentiary Conference, 2007 World Radiocommunication Conference, and 2007 International Telecommunications Conference;
- d. Organization of various seminars and workshops dealing with priority issues for the countries, such as next generation networks, cybersecurity, economic aspects of telecommunications, and telecommunications using the IP protocol; and,
- e. Maintenance and expansion of cooperation among all member states and with the corresponding regional organizations,

**RESOLVES:**

1. To note with satisfaction the progress made with preparations to organize the Fourth Meeting of the CITELE Assembly, scheduled to be held in the first quarter of 2006, in San José, Costa Rica.
2. To ask the Secretary General to use his good offices with the governments of the member states to ensure participation by the highest governmental telecommunications authorities with a view to ensuring the success of the Fourth Regular Meeting of the CITELE Assembly.
3. To recommend to the Committee on Administrative and Budgetary Affairs of the Permanent Council, within the framework of existing allocations, to identify the resources needed to hold the aforesaid event.
4. To recognize CITELE for its significant results in promoting the development of telecommunications in the region and, in particular, in fulfilling the mandates of the Summits of the Americas.
5. To instruct CITELE to continue evaluating mechanisms for encouraging active participation by all member states in its activities and, in particular, in preparing inter-American proposals, positions, and coordinated points of view for the upcoming major events to be held at the international level.
6. To encourage the member states to continue implementing the telecommunications commitments of the Summits of the Americas, and to continue to disseminate and promote the implementation of CITELE's recommendations within their respective Administrations.

7. To request CITEL to submit a follow-up report to the General Assembly at its thirty-sixth regular session.

## APPENDICES

### A. Associate Members

### B. Titles of the Resolutions, Recommendations, and Decisions Approved in 2004

## APPENDIX A

### ASSOCIATE MEMBERS

#### PCC.I/ TELECOMMUNICATION STANDARDIZATION

(As of December 31, 2004)

Nr.	Country	Name of the company	Units
1	Argentina	COMPAÑIA ERICSSON S.A.C.I.	1.0
2	Argentina	GAUSS S.A.	1.0
3	Argentina	MOVICOM BELLSOUTH	1.0
4	Argentina	TELECOM PERSONAL S.A.	1.0
5	Argentina	TELEFONICA ARGENTINA	1.0
6	Argentina	GLOBAL CROSSING LTD.	1.0
7	Brazil	ERICSSON TELECOMUNICACOES S.A.	1.0
8	Brazil	SIEMENS LTDA.	1.0
9	Brazil	EMPRESA BRASILEIRA DE TELECOMUNICACOES (EMBRATEL)	1.0
10	Brazil	NOKIA DO BRASIL LTDA.	1.0
11	Brazil	QUALCOMM SERVIÇOS DE TELECOMUNICAÇÕES LTDA.	1.0
12	Brazil	SCHMID TELECOM BRASIL	1.0
13	Brazil	NEXTEL TELECOMUNICAÇÕES LTDA.	1.0
14	Canada	NORTEL NETWORKS	1.0
15	Chile	ENTEL PCS TELECOMUNICACIONES S.A.	1.0
16	Colombia	ASOCIACION DE LA INDUSTRIA CELULAR DE COLOMBIA (ASOCEL)	1.0
17	Colombia	CELUMOVIL S.A.	1.0
18	Colombia	EMPRESA DE TELECOMUNICACIONES DE BOGOTA S.A. E.S.P.	1.0
19	Colombia	COLOMBIA TELECOMUNICACIONES S.A. ESP	1.0
20	Colombia	ERICSSON DE COLOMBIA S.A.	1.0
21	Ecuador	PACIFICTEL S.A.	1.0
22	Guatemala	TELECOMUNICACIONES DE GUATEMALA, TELGUA	1.0
23	Mexico	ERICSSON TELECOM S.A. DE C.V.	1.5
24	Mexico	LUCENT TECHNOLOGIES DE MEXICO, S.A. DE C.V. (*)	1.0

25	Mexico	QUALCOMM WIRELESS SERVICES MEXICO S.A. DE C.V.	1.0
26	Nicaragua	EMPRESA NICARAGUENSE DE TELECOMUNICACIONES - ENITEL	1.0
27	Panama	CABLE & WIRELESS DE PANAMA S.A.	1.0
28	Paraguay	COMPAÑIA PARAGUAYA DE COMUNICACIONES S.A. (COPACO S.A.)	1.0
29	Peru	TELEFONICA DEL PERU S.A.	1.0
30	Dominican Republic	VERIZON DOMINICANA	1.0
31	Dominican Republic	ALL AMERICA CABLES & RADIO, INC. / CENTENNIAL DOMINICANA	1.0
32	United States	VERIZON COMMUNICATIONS	1.0
33	United States	NORTEL NETWORKS CORPORATION	1.0
34	United States	BELLSOUTH CORPORATION	1.0
35	United States	ATIS (formerly COMMITTEE T-1)	1.0
36	United States	LUCENT TECHNOLOGIES	1.0
37	United States	NOKIA, INC.	1.0
38	United States	TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)	1.0
39	United States	CISCO SYSTEMS INC.	1.0
40	United States	QUALCOMM, INC.	1.0
41	United States	BELLSOUTH INTERNATIONAL	1.0
42	United States	INTELSAT GLOBAL SERVICES CORPORATION	1.0
43	United States	3G AMERICAS	1.0
44	Venezuela	COMPAÑIA ANONIMA NACIONAL DE TELEFONOS (CANTV)	1.0
45	Venezuela	TELCEL C.A.	1.0
46	Venezuela	ALCATEL DE VENEZUELA C.A.	1.0
<b>Total Units:</b>			<b>46.5</b>

**PCC.II / RADIOCOMMUNICATIONS INCLUDING  
BROADCASTING  
(As of December 31, 2004)**

<b>Nr.</b>	<b>Country</b>	<b>Name of the company</b>	<b>Units</b>
1	Argentina	COMPAÑIA ERICSSON S.A.C.I.	1.0
2	Argentina	MOVICOM BELLSOUTH	1.0
3	Argentina	TELECOM PERSONAL S.A.	1.0
4	Argentina	TELEFONICA ARGENTINA	1.0
5	Argentina	GLOBAL CROSSING LTD.	1.0
6	Argentina	HUAWEI TECHNOLOGIES CO. LTD.	1.0
7	Brazil	MARCONI COMMUNICATIONS TELEMULTI LTDA.	1.0
8	Brazil	ERICSSON TELECOMUNICAÇÕES S.A.	1.0
9	Brazil	LUCENT TECHNOLOGIES NETWORK SYSTEMS DO	3.0

		BRASIL LTDA.	
10	Brazil	MOTOROLA DO BRASIL	1.0
11	Brazil	QUALCOMM SERVIÇOS DE TELECOMUNICAÇÕES LTDA.	1.0
12	Brazil	SIEMENS LTDA.	1.0
13	Brazil	EMPRESA BRASILEIRA DE TELECOMUNICAÇÕES (EMBRATEL)	1.0
14	Brazil	NOKIA DO BRASIL LTDA.	1.0
15	Brazil	LORAL SKYNET DO BRASIL	1.0
16	Brazil	STAR ONE	1.0
17	Brazil	HISPAMAR LTDA.	1.0
18	Brazil	NEXTEL TELECOMUNICAÇÕES LTDA.	1.0
19	Brazil	HUAWEI DO BRASIL TELECOMUNICAÇÕES LTDA.	1.0
20	Canada	NORTEL NETWORKS	1.0
21	Canada	SPECTROCAN CANADA	1.0
22	Canada	TELESAT CANADA	1.0
23	Chile	ENTEL PCS TELECOMUNICACIONES S.A.	1.0
24	Chile	SMARTCOM PCS	1.0
25	Colombia	ASOCIACION DE LA INDUSTRIA CELULAR DE COLOMBIA (ASOCEL) (*)	1.0
26	Colombia	CELUMOVIL S.A.	1.0
27	Colombia	EMPRESA DE TELECOMUNICACIONES DE BOGOTA S.A. E.S.P.	1.0
28	Colombia	ERICSSON DE COLOMBIA S.A.	1.0
29	Colombia	COLOMBIA TELECOMUNICACIONES S.A. ESP	1.0
30	Ecuador	OTECEL/BELLSOUTH (*)	1.0
31	Ecuador	ORG. DE ACOCIADOS. Y EMP. DE TV PAGADAS DE IBEROAMERICA (TEPAL)	1.0
32	Guatemala	TELECOMUNICACIONES DE GUATEMALA - TELGUA	1.0
33	Mexico	ALCATEL MEXICO S.A. DE C.V.	2.0
34	Mexico	SATELITES MEXICANOS S.A. DE C.V., SATMEX	1.0
35	Mexico	ERICSSON TELECOM S.A. DE C.V.	1.5
36	Mexico	LUCENT TECHNOLOGIES DE MEXICO, S.A. DE C.V. (*)	1.0
37	Mexico	MOTOROLA DE MEXICO S.A. DE C.V.	1.0
38	Mexico	PEGASO PCS, S.A. DE C.V.	1.0
39	Mexico	QUALCOMM WIRELESS SERVICES MEXICO S.A. DE C.V.	1.0
40	Mexico	COMUNICACIONES NEXTEL DE MEXICO, S.A. DE C.V.	1.0
41	Paraguay	COMPAÑIA PARAGUAYA DE COMUNICACIONES S.A. (COPACO S.A.)	1.0
42	Peru	TELEFONICA DEL PERU S.A.	1.0
43	Peru	HUAWEI DEL PERU S.A.C.	1.0
44	Dominican Republic	ORANGE DOMINICANA	
45	United States	MOTOROLA INC.	1.0
46	United States	NORTEL NETWORKS CORPORATION	1.0
47	United States	BELLSOUTH CORPORATION	1.0
48	United States	HUGHES NETWORK SYSTEMS, INC.	1.0
49	United States	IRIDIUM SATELLITE LLC	1.0
50	United States	LOCKHEED-MARTIN CORP.	1.0

51	United States	LORAL SKYNET (LORA)	1.0
52	United States	LUCENT TECHNOLOGIES	1.0
53	United States	NOKIA, INC.	1.0
54	United States	PANAMSAT CORPORATION	1.0
55	United States	QUALCOMM. INC.	1.0
56	United States	TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA)	1.0
57	United States	ARRAYCOMM, INC.	1.0
58	United States	CDMA DEVELOPMENT GROUP	1.0
59	United States	ITT INDUSTRIES	1.0
60	United States	THE BOEING COMPANY	1.0
61	United States	NEW SKIES NETWORKS, INC.	1.0
62	United States	INTELSAT GLOBAL SERVICE CORPORATION	1.0
63	United States	3G AMERICAS	1.0
64	United States	AGERE SYSTEMS	1.0
65	United States	ZENITH ELECTRONICS CORPORATION	1.0
66	United States	ADVANCED TELEVISION SYSTEMS COMMITTEE (ATSC-FORUM)	1.0
67	United States	VERIZON COMMUNICATIONS	1.0
68	United States	TERABEAM CORPORATION	1.0
69	United States	CYPCA TELECOM, INC.	1.0
70	United States	GSM LATIN AMERICA ASSOCIATION	1.0
71	United States	CBS BROADCASTING, INC.	1.0
72	Venezuela	COMPANÍA ANONIMA NACIONAL DE TELEFONOS (CANTV)	1.0
73	Venezuela	TELECOMUNICACIONES IMPSAT S.A.	1.0
74	Venezuela	MOTOROLA DE VENEZUELA S.A.	1.0
75	Venezuela	TELCEL C.A.	1.0
76	Venezuela	ALCATEL DE VENEZUELA C.A.	1.0
77	Venezuela	TE.SA.M DE VENEZUELA C.A.	1.0
<b>Total Units:</b>			<b>80.5</b>

**APPENDIX B**  
**TITLES OF THE RESOLUTIONS, RECOMMENDATIONS, AND DECISIONS**  
**APPROVED IN 2004**  
**(Date: December 31, 2004)**

**B.1 PERMANENT EXECUTIVE COMMITTEE OF CITEL**

**RESOLUTIONS**

COM/CITEL RES.173 (XIV-04)	FOLLOW-UP OF THE TASKS OF THE WORKING GROUP ON INTERNET GOVERNANCE WITHIN THE PROCESS OF THE SECOND STAGE OF THE WORLD SUMMIT ON THE INFORMATION SOCIETY
COM/CITEL RES.174 (XIV-04)	APPROVAL OF TRAINING CENTERS AS CITEL REGIONAL TRAINING CENTERS
COM/CITEL RES.175 (XIV-04)	CITEL COURSE PROGRAM APPROVAL 2005
COM/CITEL RES.176 (XIV-04)	ITU-T APPROVAL PROCEDURES
COM/CITEL RES.177 (XIV-04)	CREATION OF A SITE TO FACILITATE THE DEVELOPMENT OF TELECOMMUNICATIONS IN INDIGENOUS COMMUNITY REGIONS OF AMERICA
COM/CITEL RES.178 (XIV-04)	ASSOCIATE FEES OF ASSOCIATE MEMBERS
COM/CITEL RES.179 (XIV-04)	REGIONAL PREPARATORY MEETING FOR THE WTDC-06
COM/CITEL RES.180 (XIV-04)	EXTENSION OF THE MANDATE OF THE WORKING GROUP ON CONNECTIVITY INITIATIVES MANAGEMENT
COM/CITEL RES.181 (XIV-04)	THE FINANCIAL IMPACT ON CITEL OF OAS RESTRUCTURING
COM/CITEL RES.182 (XIV-04)	APPROVAL OF THE PLAN OF OPERATIONS FOR 2005
COM/CITEL RES.183 (XIV-04)	AMENDMENTS TO CITEL REGULATIONS
COM/CITEL RES.184 (XIV-04)	CREATION OF AN AD HOC GROUP ON SCOPE OF PARTICIPATION OF NON-MEMBER STATES OF CITEL
COM/CITEL RES.185 (XIV-04)	APPOINTMENT OF AN AD HOC GROUP TO PREPARE THE TELECOMMUNICATIONS SECTION OF THE ACTION PLAN FOR THE FOURTH SUMMIT OF THE AMERICAS
COM/CITEL RES.186 (XIV-04)	DRAFT AGENDA, PLACE AND DATE FOR THE XV MEETING OF COM/CITEL
COM/CITEL RES.187 (XIV-04)	DRAFT AGENDA AND STRUCTURE OF THE FOURTH ASSEMBLY OF CITEL

**RECOMMENDATIONS**

No recommendations were adopted in this period.

**DECISIONS**

COM/CITEL DEC. 41 (XIV-04)	Untitled
COM/CITEL DEC. 42 (XIV-04)	Untitled

## B.2 PERMANENT CONSULTATIVE COMMITTEE I

### RESOLUTIONS

PCC.I/RES. 44 (IV-04)	PACKET-BASED MULTIMEDIA COMMUNICATIONS SYSTEMS
PCC.I/RES. 45 (IV-04)	COORDINATED STANDARD DOCUMENT FOR ITU-T RECOMMENDATION X.805: "SECURITY ARCHITECTURE FOR SYSTEMS PROVIDING END-TO-END COMMUNICATIONS"
PCC.I/RES. 46 (IV-04)	SECURITY ARCHITECTURE FOR THE INTERNET PROTOCOL
PCC.I/RES. 47 (IV-04)	STUDIES ON THE ECONOMIC ASPECTS AND CHARACTERISTICS OF INTERNET PROTOCOL TELEPHONY
PCC.I/RES. 48 (IV-04)	AGENDA, VENUE AND DATE OF THE V MEETING OF PCC.I
PCC.I/RES. 49 (IV-04)	CYBERSECURITY
PCC.I/RES. 50 (IV-04)	CITEL PREPARATIONS FOR THE WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY
PCC.I/RES. 51 (IV-04)	INTERNATIONAL TELECOMMUNICATIONS QUESTIONNAIRE
PCC.I/RES. 52 (IV-04)	PERFORMANCE INDICATORS FOR CITEL'S STRATEGIC PLAN
PCC.I/RES. 53 (IV-04)	SITUATION OF TELECOMMUNICATIONS IN INDIGENOUS COMMUNITIES OF THE AMERICAS
PCC.I/RES. 54 (IV-04)	QUESTIONNAIRE ON THE DEVELOPMENT STATUS, USE AND PROMOTION OF SPACE TECHNOLOGIES
<u>PCC.I/RES. 55 (V-04)</u>	STANDARD COORDINATED DOCUMENT (CSD) FOR Q.1912.5 "INTERWORKING BETWEEN SESSION INITIATION PROTOCOL (SIP) AND BEARER INDEPENDENT CALL CONTROL PROTOCOL OR ISDN USER PART"
<u>PCC.I/RES. 56 (V-04)</u>	<u>DOMAIN NAMES IN INTERNET AND IP ADDRESSES</u>
<u>PCC.I/RES. 57 (V-04)</u>	<u>GUIDELINE FOR MIGRATION STRATEGIES TOWARD ADVANCED NETWORKS AND SERVICES</u>
<u>PCC.I/RES. 58 (V-04)</u>	<u>QUESTIONNAIRE ON THE COST STRUCTURE OF TELECOMMUNICATION SERVICES</u>
<u>PCC.I/RES. 59 (V-04)</u>	<u>APPROVAL OF THE STUDY ON VoIP FEATURES</u>
<u>PCC.I/RES. 60 (V-04)</u>	<u>APPROVAL OF THE METHODOLOGICAL STUDY ON CAPITAL COST FOR THE TELECOMMUNICATION SECTOR OF THE REGION</u>
<u>PCC.I/RES. 61 (V-04)</u>	<u>SUBMISSION OF INTER-AMERICAN PROPOSALS TO THE WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY (WTSA-2004)</u>
<u>PCC.I/RES. 62 (V-04)</u>	<u>CITEL CYBER SECURITY UPDATE</u>
<u>PCC.I/RES. 63 (V-04)</u>	<u>REPORT OF DOMAIN NAMES AND IP ADDRESSES</u>
<u>PCC.I/RES. 64 (V-04)</u>	<u>PREPARATION FOR THE WORLD CONFERENCE ON INTERNATIONAL TELECOMMUNICATIONS (WCIT)</u>
<u>PCC.I/RES. 65 (V-04)</u>	<u>AGENDA, VENUE AND DATE OF THE VI MEETING OF PCC.I</u>
<u>PCC.I/RES. 66 (V-04)</u>	<u>TERMS OF REFERENCE AND WORK PLAN OF THE PCC.I WORKING GROUPS</u>

### RECOMMENDATIONS

No recommendations were adopted in this period

## DECISIONS

PCC.I/DEC. 11 (IV-04)	a. Untitled
PCC.I/DEC. 12 (IV-04)	b. Untitled
PCC.I/DEC. 13 (IV-04)	c. Untitled
PCC.I/DEC. 14 (IV-04)	d. Untitled
PCC.I/DEC. 15 (IV-04)	e. Untitled
PCC.I/DEC. 16 (IV-04)	f. Untitled
PCC.I/DEC. 17 (V-04)	g. Untitled
PCC.I/DEC. 18 (V-04)	h. Untitled
PCC.I/DEC. 19 (V-04)	i. Untitled
PCC.I/DEC. 20 (V-04)	j. Untitled
PCC.I/DEC. 21 (V-04)	k. Untitled
PCC.I/DEC. 22 (V-04)	l. Untitled
PCC.I/DEC. 23 (V-04)	m. Untitled

## B.4 PERMANENT CONSULTATIVE COMMITTEE II

### RESOLUTIONS

PCC.II/RES. 14 (III-04)	COMPLIANCE WITH THE PROVISIONS OF THE REGIONAL AGREEMENT ON MEDIUM FREQUENCY BROADCASTING SERVICES IN REGION 2
PCC.II/RES. 15 (III-04)	THE DESIRABILITY AND TIMELINESS OF DEVELOPING AND EXECUTING AN ACTION PLAN FOR SUPPORTING THE IMPLEMENTATION OF DIGITAL TERRESTRIAL TELEVISION BROADCASTING IN THE AMERICAS
PCC.II/RES. 16 (III-04)	AGENDA, VENUE AND DATE FOR THE FOURTH MEETING
PCC.II/RES. 17 (III-04)	ESTABLISHMENT OF A RAPPORTEUR GROUP ON THE TECHNICAL AND REGULATORY ASPECTS RELATED TO THE EFFECTS OF ELECTROMAGNETIC NON-IONIZING EMISSIONS
PCC.II/RES. 18 (III-04)	DIGITAL TERRESTRIAL TELEVISION (DTT) IMPLEMENTATION GUIDE
PCC.II/RES. 19 (III-04)	ACTIVITIES OF AD HOC GROUP TO COORDINATE THE ACTIVITIES RESULTING FROM THE AHCJET PROPOSED STUDY OF TECHNOLOGIES FOR BROADBAND WIRELESS INTERNET ACCESS IN THE AMERICAS
PCC.II/RES. 20 (III-04)	AGENDA, VENUE AND DATE FOR THE V MEETING
PCC.II/RES. 21 (III-04)	ESTABLISHMENT OF A RAPPORTEUR GROUP ON THE TECHNICAL AND REGULATORY ASPECTS RELATED TO THE EFFECTS OF ELECTROMAGNETIC NON-IONIZING EMISSIONS

### RECOMMENDATIONS

PCC.II/REC. 7 (III-04)	FREQUENCY ARRANGEMENTS FOR IMPLEMENTATION OF THE TERRESTRIAL COMPONENT OF INTERNATIONAL MOBILE TELECOMMUNICATION 2000 (IMT-2000) IN THE BANDS OF 2500 - 2690 MHz
CCP.II/REC. 8 (IV-04)	FREQUENCY ARRANGEMENTS FOR IMT-2000 IN THE BANDS 806 TO 960 MHz, 1710 TO 2025 MHz, 2110 TO 2200 MHz AND 2500 TO 2690 MHz



**DECISIONS**

<u>PCC.II/DEC. 10 (III-04)</u>	Untitled
<u>PCC.II/DEC. 11 (III-04)</u>	Untitled
<u>PCC.II/DEC. 12 (III-04)</u>	Untitled
<u>PCC.II/DEC. 13 (III-04)</u>	Untitled
<u>PCC.II/DEC. 14 (III-04)</u>	Untitled
<u>PCC.II/DEC. 15 (III-04)</u>	Untitled
<u>PCC.II/DEC. 16 (III-04)</u>	Untitled
<u>PCC.II/DEC. 17 (III-04)</u>	Untitled
<u>PCC.II/DEC. 18 (III-04)</u>	Untitled
<u>PCC.II/DEC. 19 (III-04)</u>	Untitled
<u>PCC.II/DEC. 20 (III-04)</u>	Untitled
<u>PCC.II/DEC. 21 (III-04)</u>	Untitled
<u>PCC.II/DEC. 22 (III-04)</u>	Untitled
<u>PCC.II/DEC. 23 (III-04)</u>	Untitled
<u>PCC.II/DEC. 24 (III-04)</u>	Untitled
<u>PCC.II/DEC. 25 (III-04)</u>	Untitled
<u>PCC.II/DEC. 26 (III-04)</u>	Untitled