



Organization of  
American States  

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# 2015 ANNUAL REPORT

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INTER-AMERICAN  
TELECOMMUNICATION COMMISSION  
(CITEL)

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## **EXECUTIVE SUMMARY**

For CITELE, 2015 was a year of high achievement. Of particular note was the successful preparation of inter-American proposals for the 2015 World Radiocommunication Conference. Permanent Consultative Committee II had been preparing for the different agenda items since 2013, which enabled the Member States to come to the Conference well informed of the alternatives and issues, in turn making evident a strong region capable of consensus on crucial issues. It is of note that CITELE is the only organization representing the Americas in negotiations at the Conferences and Assemblies of the International Telecommunication Union (ITU).

The Consultative Committees have also made much headway in the area of broadband and in establishing guidelines in different fields, including the conclusion or update of agreements on spectrum use in coordination areas and the launch of different reports on priority matters for the development of telecommunications/information and communication technologies in the region.

## **1. INTRODUCTION**

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

This report covers the period through December 31, 2015.

## **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 in its resolution AG/RES. 1224 (XXIII-O/93), in keeping 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, the Statute of CITEL, and such mandates as the General Assembly of the Organization may assign to it.

### **2.1 Objectives and functions of CITEL**

#### **Objectives**

- a. To facilitate and promote, by all means available to it, the continuing development of telecommunications/information and communication technologies (ICTs) (hereinafter telecommunications/ICTs) in the Hemisphere, in pursuance of sustainable development.
- b. To promote and foster the existence of appropriate telecommunications/ICTs that contribute to the integral development process in the region, with particular attention to underserved areas.
- c. To organize promote, and evaluate 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 development of telecommunications/ICTs in the Americas.
- d. To promote the unification of criteria and technical standards for the installation, operation, and maintenance of systems, in order to obtain maximum benefit from the facilities available to each country and to the region in general, in the global standardization framework of the International Telecommunication Union (ITU) and other relevant standardization organizations.
- e. To promote and study technical assistance, in agreement with the governments of the respective countries, giving priority to the needs of developing countries.
- f. To foster the improvement and harmonization of administrative, financial, and operational procedures for the planning, installation, improvement, maintenance, and operation of the telecommunication/ICT networks of the Member States of CITEL.
- g. To recommend studies and promote the adoption of official agreements among governments of member states of the Organization for the planning, installation, maintenance, and operation of telecommunication/ICT systems in the Hemisphere.
- h. To promote and encourage the study and dissemination of the impact of telecommunications/ICTs on the environment and climate change and their relationship to ICTs, in keeping with policies developed by the ITU and other organizations with competence in this area.

- i. To promote the harmonization, equitable access, and efficient use of the radio spectrum among the Member States, devoting special attention to the needs of developing countries.
- j. To promote and encourage the use and appropriation of telecommunications/ICTs in the Hemisphere, particularly by women, girls, and people with special needs.
- k. To promote capacity-building in the Member States of CITELE to better attain their objectives.

## **Functions**

- a. To serve as the Organization's leading advisory body in all matters relating to telecommunications/ICTs in the Hemisphere.
- b. To promote or undertake studies and programs for the sustainable development of telecommunications/ICTs
- c. To compile and disseminate to the member states of the Organization information pertaining to the fulfillment of the objectives of CITELE, as well as any other information that may be of interest, including the results of the work of the Commission.
- d. To maintain ongoing contact with the various international governmental and nongovernmental organizations in the field of telecommunications/ICTs, and to promote mutual cooperation and coordination of their activities with those of the Member States of the Organization.
- e. To analyze, propose, and implement different forms of financing to support the approved plans and projects.
- f. To study the technical, legal, economic, policy, and regulatory aspects of telecommunications/ICTs of relevance to the region.
- g. To make recommendations in the area of telecommunications/ICTs to the governments of the Member States of CITELE, taking into account those made by the ITU and by other relevant organizations.
- h. To consider matters related to inter-American cooperation in the field of telecommunications/ICTs assigned to it by the General Assembly and the Summit of the Americas.
- i. To promote the development of new applications that promote the inclusion of the region's countries in the Knowledge-based Society.
- j. To identify mechanisms to encourage participation by all Member States in the meetings of CITELE, and to increase the number of associate members.
- k. To promote the coordination of positions among the Member States for the different international telecommunications/ICT conferences, assemblies, and meetings.

## **2.2 Members and participants**

All member states of the Organization are Members of CITELE.

The following organizations and entities may participate as observers:

- a. Permanent Observers to the Organization.
- b. Subject to COM/CITELE's approval, those American States that are not Members of the Organization and which have asked to participate in the meeting.
- c. Subject to COM/CITELE'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.
- d. Inter-American specialized organizations and entities of the Organization, and Inter-American intergovernmental regional organizations.

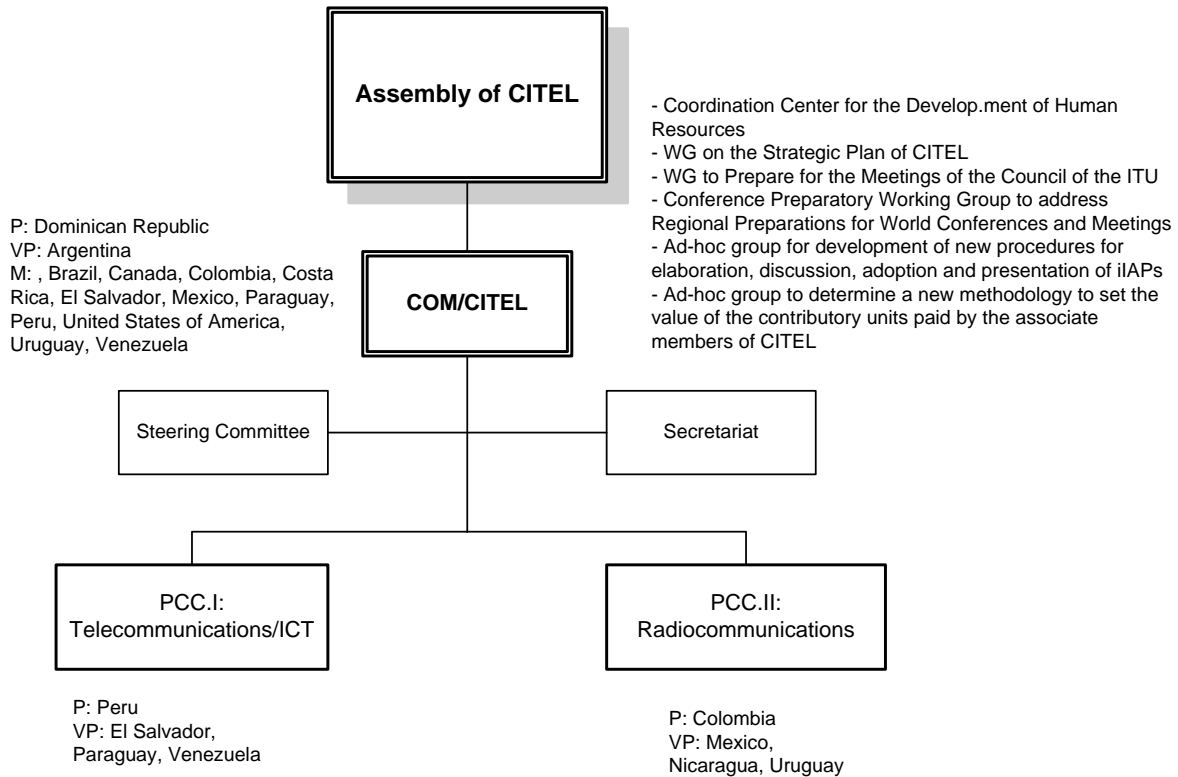
- e. The United Nations and its specialized agencies.
- f. International and national organizations that are parties to agreements or arrangements establishing relations of cooperation with the Organization, with its organs, organizations or agencies, when such agreements or arrangements provide for participation of observers.
- g. Subject to COM/CITEL's approval, those international, regional, sub regional and national agencies and organizations that are involved in telecommunications/ICT activities in the region and which have asked to participate in the meeting.
- h. The associate members of the Permanent Consultative Committees.

The Statute of CITEL provides that any academic entity, organization, institution, or industry related to telecommunications/ICTs which has legal personality in one of the Member States and with the approval of any such State, or which has legal personality in a non-Member State and with the approval of three Member States of CITEL, may become an associate member of a Permanent Consultative Committee. Beginning in January 1, 2015, associate members make a minimum annual contribution of US\$3,500 [CITEL/RES. 77 (VI-14)] for each Permanent Executive Committee in which they participate. Associate members may participate fully, with voice but without vote, in all activities of the Permanent Executive Committee selected. They may present technical documents, and receive the documents of the Committee of which they are associate members, and of its working and ad hoc groups. As of December 31, 2015, CITEL had 116 associate members. Annex A contains a complete list of associate members.

### **2.3 Structure of CITEL**

As of the Sixth Regular Meeting of the Assembly of CITEL, the structure of CITEL is:

- Assembly of CITEL
- Permanent Executive Committee (COM/CITEL)
- Steering Committee
- Permanent Consultative Committees (PCCs):
  - Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (ICTs) (PCC.I)
  - Permanent Consultative Committee II: Radiocommunications (PCC.II)
- Secretariat



The Steering Committee did not meet in 2015. The Permanent Consultative Committees (PCCs) provide advice on matters pertaining to their respective purviews. They establish working groups and ad hoc groups when necessary to study topics of special interest. At present, there are 15 working groups that cover different aspects of telecommunications and radiocommunications, as well as rapporteurships on topics of priority to the region.

### 3. ACTIVITIES OF CITEL

Annex B hereto contains a list of the meetings held in 2015. Annex C contains a list of CITEL's quantifiable results for 2015, and Annex D the list of resolutions, recommendations, and decisions adopted by the Committees in 2015.

#### 3.1 Permanent Executive Committee of CITEL

##### Officers:

Chair: Mr. Gedeón Santos (Dominican Republic)  
Vice Chair: Mr. Nicolás Karavaski (Argentina)

The Permanent Executive Committee is the executive body of CITEL and generally meets once a year.

The **XXX Meeting of COM/CITEL** was held in Washington, D.C., United States of America, on March 16 and 17, 2015, its agenda focusing on the selection of candidates for Executive Secretary of

CITEL. At that meeting, based on the discussions and perceived needs, an ad hoc group was established to determine a new methodology for the establishment of the contributory unit paid by the associate members of CITEL, which would present a study at the XXXI Meeting of COM/CITEL.

Following the XXX Meeting of COM/CITEL, on March 18, **CITEL administrations took part in a round table discussion on the topic 2015 WSIS+10 follow-up activities** to provide relevant updates – from an Americas perspective – on matters related to the WSIS+10 follow-up, to assist the administrations in their action to participate in the corresponding activities. Analysis focused especially on the status of the work of the International Telecommunication Union in connection with WSIS+10, the WSIS Forum, the work of the Commission on Science and Technology for Development (CSTD) of the United Nations, and ICANN and IGF events.

Also held were the following online preparatory meetings to further the work of the corresponding groups:

1. First online meeting of the Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU) (January 20, 2015, 11:00 a.m. (EST))
2. Online meeting to consider the commemoration of the 150<sup>th</sup> Anniversary of the International Telecommunication Union (ITU) (February 4, 2015) 10:30 a.m. (EST)
3. Online preparatory meeting for the XXX Meeting of COM/CITEL (Washington, D.C., United States of America, March 16 and 17, 2015) (March 10, 2015, 11:00 a.m. (EST))
4. Second online meeting of the Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU) (April 9, 2015, 12:30 p.m. (EDT))
5. Third online meeting of the Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU) (May 7, 2015, 11:00 a.m. (EDT))
6. Online meeting of the Ad-Hoc Group for Development of new procedures for elaboration, discussion, adoption and presentation of inter-american proposals (November 4, 2015, 2:30 p.m. (EST))
7. Second online meeting of the Ad-Hoc Group for Development of new procedures for elaboration, discussion, adoption and presentation of inter-american proposals (November 10, 2015, 2:30 p.m. (EST))
8. Online meeting of the COM/CITEL Working Group to review and propose updates to the Statute and Regulations, on remote participation in decision-making meetings of CITEL (November 11, 2015), 10:00 a.m. (EDT)
9. First online meeting of the Ad-Hoc Group to determine a new methodology to set the value of the contributory units paid by the Associate Members of CITEL (November 18, 2015, 2:30 p.m. (EST))

The 31 Meeting of COM/CITEL was held in Santo Domingo, Dominican Republic, on December 7 and 8, 2015. Decisions were taken on important matters such as:

- The rules for participation in the Academic Essay Contest on How Can Telecommunications/ICTs Contribute to Meeting the Sustainable Development Goals in the Americas Region? Through this contest, CITEL is seeking to encourage and help young university students of the Americas to set out their ideas and visions of how telecommunications/ICTs can change the lives of people and their communities and/or countries through innovation; and how to step up economic and social development. The contest will be launched on February 1, 2016 and the winner will be announced on September 1, 2016.
- Considering that the Americas Region has not often been successful in recent elections for different offices of the International Telecommunication Union (ITU), the Santo Domingo



Commitment was adopted whereby the Member States agree to establish the appropriate mechanisms to define candidacies and modalities of support to the candidates of the region throughout the promotion campaign and prior to the elections considering each CITEL administration interests within the framework of complete consensus.

- Work Plan of the PCC.I Working Group to prepare for and follow up on WTSA, WCIT, and WTDC, for the preparations for the 2016 World Telecommunication Standardization Assembly (WTSA-2016)
- “Thematic Publications Series of CITEL” initiative for the preparation and publication of information and recommendations on best practices of telecommunication/ICT public policy and the telecommunications/ICTs regulatory framework, with the goal of publication of at least one study per year.
- The Member States were invited to participate actively in the activities of CITEL related to the implementation of the Mandates for Action of the Seventh Summit of the Americas and to forward to the National Coordinator of the Summit of the Americas the output documents of the different meetings and events of CITEL reflecting the impact and progress made in implementing those mandates, especially in connection with broadband access and investment in broadband infrastructure.

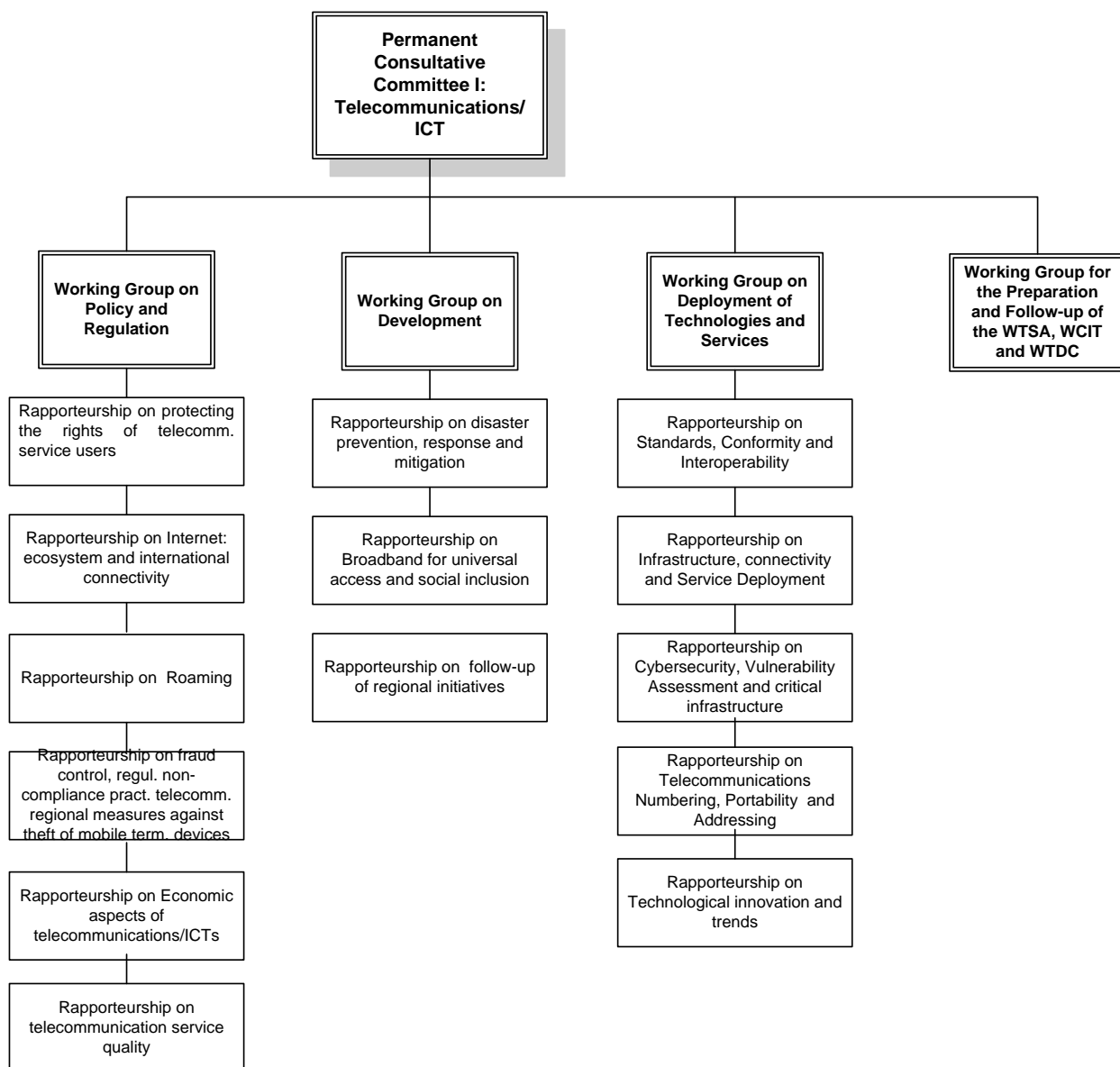
### **3.2 Permanent Consultative Committee I: Telecommunications/ (ICTs) (PCC.I)**

#### **Officers:**

|                       |  |
|-----------------------|--|
| Chair:                | Mr. Gonzalo Martín Ruiz Diaz (Peru)          |
| Vice Chairs:          | Mr. Mauricio Herrera López (El Salvador)     |
|                       | Mr. Egard Eduardo Rodas Abarca (El Salvador) |
|                       | Ms. Teresita Palacios (Paraguay)             |
|                       | Mr. William Castillo Bolle (Venezuela)       |
| Alternate Vice Chair: | Ms. Mariana Calderón (Venezuela)             |

Permanent Consultative Committee I (PCC.I) serves as the advisory body of CITEL in the area of telecommunications/ICTs, especially with regard to matters of telecommunication/ICT policy, regulatory aspects, standardization, cybersecurity, international Internet-related public policy matters—insofar as those matters involve telecommunication networks or ICT infrastructure—, universal service, economic and social development, environment and climate change, infrastructure development, and new technologies.

Two meetings were held in 2015: the **XXVI Meeting of PCC.I** (Cusco, Peru), from May 26 to 29, 2015, and the **XXVII Meeting of PCC.I**, in (Washington, D.C., United States of America), from September 22 to 25, 2015. An online meeting of the Rapporteurship on economic aspects of telecommunications/ICTs services was also held, on April 10, 2015, at 1 p.m. (EDT).



### Main ongoing activities and new initiatives:

- Policy and regulation:** Promotion of discussion and information-sharing on regulatory and policy-related matters that arise from today's ever-changing telecommunications/ICT environment related to the protection of user and consumer rights; international Internet-related public policy matters; international mobile roaming; service quality and perceived quality; economic aspects of telecommunication services; broadband; fraud and anti-regulatory practices; and control and oversight of services, among others, for the preparation of studies, reports, recommendations, resolutions, and best practice guidelines for the Member States.

- **Development:** Identification of specific actions aimed at bridging the digital divide and promoting the integration of telecommunications/ICT infrastructure to promote the social inclusion of the population for its economic, social, and cultural development, considering other uses of telecommunications/ICTs and their impact on the environment and taking in account the follow-up to and implementation of the Regional Initiatives of the International Telecommunication Union (ITU).
- **Technologies and services:** Focusing on technical aspects of telecommunication/ICT services to promote their use, taking into account aspects such as conformity and interoperability, interconnection, convergence, cybersecurity, numbering, services, applications, and infrastructure.
- **Preparations for and follow-up to the WTSA, WCIT, and WTDC.** Coordination of regional preparations for the World Telecommunications Standardization Assembly (WTSA), the World Conference on International Telecommunications (WCIT), and the World Telecommunications Development Conference (WTDC) of the ITU, including the preparation of inter-American proposals (IAPs) and common positions, and effecting interregional consultations in preparation for these events, and following up on their results.

In 2015, the following activities are of note:

- Launch of high priority studies for the region, such as:
  - Study on characteristics and conditions of international roaming
  - Policies to promote the deployment and construction of telecommunication infrastructure
  - Compilation of cases of anti-competitive practices and unfair competition in telecommunication services
  - Applications and content for social inclusion
  - Sustainability of universal access projects
  - Regional action plan for the development of action lines and mechanisms for youth empowerment through the use and development of telecommunications/ICTs to contribute to youth development which, in turn, contributes to regional economic, social, and political development
  - Broadband for social inclusion and the role of national backbone networks
  - Handbook of recommendations on regulatory best practices to combat the importation, marketing, and/or use of unauthorized satellite television signal receivers
  - Guidelines and best practices for IPv6 transition strategies
  - Rights of telecommunication service users
  - Regional measures to combat the spread of counterfeit, substandard, and unauthorized devices
  - Policies adopted on the operation of OMVs
- Adoption of Coordinated Standards Documents on ITU-T Recommendation G.9701, "Fast access to subscriber terminals (G.fast) - Physical layer specification," and on ITU-T Recommendation H.265, "High efficiency video coding";
- Adoption of a program for technical visits on user rights protection-related matters;
- Creation of a "Database on thematic networks on broadband for universal access and social inclusion";
- Recommendation on the activities of passive infrastructure providers;
- Launch of preparations for the 2016 World Telecommunication Standardization Assembly (WTSA) with the adoption of a draft inter-American proposal;
- Recommendation on technological neutrality whereby no requirement of or conditions for shall be imposed on, nor shall there be any discrimination against, any technology for record-keeping

or for awarding enabling titles related to telecommunication services delivery, safeguarding conditions of quality and equality for users.

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

The following seminars, workshops, and informational meetings were held in 2015:

| Seminar/Workshop/Course  | Soeaker/Date/Site  |
|--|--|
| Joint workshop in collaboration with the International Telecommunication Union (ITU) on “Emergency Communications: From Preparedness to Regional Action” | May 25, 2015, Cusco, Peru  |
| Seminar on methodologies for measuring the telecommunication service user satisfaction indicator   | May 28, 2015, Cusco, Peru, during meetings of the Working Group on Policy and Regulation   |
| DNS Security: Current Issues   | Carlos Alvarez, ICANN<br>July 23, 2015 (Spanish, English, Portuguese)<br>2:00 p.m. -- 3:00 p.m. (EDT)<br>Online                                      |
| IXPs. Solution to Interconnection?   | Oscar Messano, Rapporteur on this topic of the Working Group on Policy and Regulation (WGPR)<br>August 25, 2015 (Spanish) 11:00 a.m. (EDT)<br>Online |
| Regional Standardization Forum for Americas of the International Telecommunication Union   | September 21, 2015, Washington, D.C, United States of America  |
| Internet of Things   | Salvador Crespo, Senior Vice President of channels, AIGSG Corp.<br>October 13, 2015 (Spanish) 11:00 a.m. (EDT)<br>Online                             |
| Internet Architecture: Introduction to and description of the ecosystem of organizations   | Christian O’Flaherty, Internet Society (ISOC)<br>October 14, 2015 (Spanish) 3:00 p.m. (EDT)<br>Online  |
| Interaction among the main protocols used on the Internet  | Carlos Martínez, LACNIC<br>October 21, 2015 (Spanish) 3:00 p.m. (EDT)<br>Online  |
| Traffic Exchange (Peering, Transit, IXPs)  | Christian O’Flaherty, Internet Society (ISOC)<br>October 28, 2015 (Spanish) 3:00 p.m. (EDT)<br>Online  |

Four seminars are programmed for 2016, on the following topics:

| Meeting   | Date/Site  |
|---|--|
| Joint Workshop ITU-CITEL “Global Strategies against Mobile Device Theft”                                  | March 16, 2016, online   |
| Seminar “The Internet of Things and Machine to Machine Communications – Approaches in the Americas”       | May 16, 2016, San Salvador, El Salvador  |
| Seminar on “security measures implemented by the different countries in prepaid mobile service contracts” | May 18, 2016, San Salvador, El Salvador [date to be confirmed, meetings of the Working Group on Policy and Regulation] |
| Seminar “Regulatory best practices to combat fraud in subscriber satellite TV reception”                  | May 19, 2016, San Salvador, El Salvador [date to be confirmed, meetings of the Working Group on Policy and Regulation] |

### 3.3 Permanent Consultative Committee II: Radiocommunications (PCC.II)

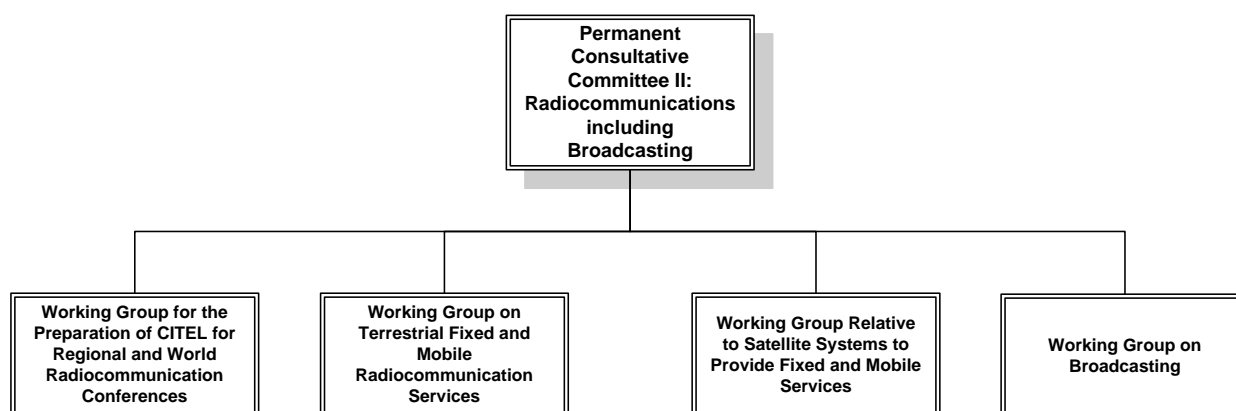
#### Officers:

|                        |   |
|------------------------|---|
| Chair:                 | Mr. Diego Molano Vega (Colombia)          |
| Alternate Chair:       | Mr. Franklin Merchán (Colombia)           |
| Vice Chairs:           | Mr. Fernando Carrillo Valderrama (Mexico) |
|                        | Mr. José de Jesús Arias Franco (Mexico)   |
|                        | Ms. Celina Delgado (Nicaragua)            |
|                        | Mr. Gabriel Lombide (Uruguay)             |
| Alternate Vice Chairs: | Mr. Juan Carlos Morales (Nicaragua)       |
|                        | Mr. Héctor Budé (Uruguay)                 |

Permanent Consultative Committee II (PCC.II) serves as an advisory Committee of CITEL, promoting the planning, coordination, harmonization, and efficient use of the radio spectrum, and of the geostationary and non-geostationary satellite orbits for radiocommunication services including broadcasting.

The **XXV Meeting of PCC.II** was held in Medellin, Colombia, from February 23 to 27, 2015, and the **XXVI Meeting of PCC.II** in Ottawa, Canada, from August 17 to 21, 2015. The following online preparatory meetings for WRC-15 were also held:

| Meeting   | Speaker/Date/ Site  |
|---|---|
| Preparations for the 2015 World Radiocommunication Conference   | Philippe Aubineau<br>International Telecommunication Union<br>June 17, 2015 (English)<br>Online   |
| Preparations for the 2015 World Radiocommunication Conference: SGT-1 MOBILE & FIXED                                   | Marco Antonio Escalante (Coordinator)<br>June 23, 2015 (Spanish) 11:00 a.m. (EDT)<br>José Costa (Alternate Coordinator)<br>July 28, 2015 (English) 11:00 a.m. (EDT)<br>Online |
| Preparations for the 2015 World Radiocommunication Conference: SGT-2 RADIOLOCATION, AMATEUR, MARITIME, & AERONAUTICAL | Jonathan Williams (Coordinator)<br>July 2, 2015 (English) 1:00 p.m. (EDT)<br>Online   |
| Preparations for the 2015 World Radiocommunication Conference: SGT-3 SPACE SCIENCE & MMS                              | Tarcisio Bakaus (Coordinator)<br>July 14, 2015 (English) 11:00 a.m. (EDT)<br>Online   |
| Preparations for the 2015 World Radiocommunication Conference: SGT-4 FSS & SATELLITE REGULATORY                       | Jerry Conner (Coordinator)<br>June 30, 2015 (English) 11:00 a.m. (EDT)<br>Online  |
| Preparations for the 2015 World Radiocommunication Conference: SGT-5 GENERAL REGULATORY, FUTURE WORK &ND OTHER        | Carmelo Rivera (Coordinator)<br>July 15, 2015 (Spanish) 11:00 a.m. (EDT)<br>July 16, 2015 (English) 11:00 a.m. (EDT)<br>Online  |



#### Main activities in progress and new initiatives:

- Radiocommunication Assembly (RA) and World Radiocommunication Conference (WRC):** Inter-American proposals are being developed on the radiocommunications and radiobroadcasting topics planned for the world and/or regional conferences convened under the auspices of the International Telecommunication Union (ITU). The Radiocommunication Assembly considers strategies to be implemented in the radiocommunications area. At the World Radiocommunication Conferences (WRC), the international treaty known as the Radio Regulations is being revised. These regulations govern the use of the radiofrequency spectrum

and satellite orbits. The next meetings will be held in 2019 and studies must begin in 2016, given the technical and regulatory complexity of the corresponding topics.

- **Terrestrial Fixed and Mobile Radiocommunication Services:** The situation of radio frequency use, especially in the Americas Region, is identified in order to prepare resolutions and recommendations for harmonization of the spectrum used for terrestrial fixed and mobile radiocommunication services. Guidelines and harmonized requirements on spectrum use and sharing are also prepared, including channeling and frequency arrangements.
- **Satellite Systems to Provide Fixed and Mobile Services:** This Group analyzes the implementation of satellite systems in the region, taking into account, *inter alia*, the following points: use of the radio frequency spectrum and possible criteria for frequency band sharing for the interoperation of satellite systems, and other services and coordination procedures consistent with those of the Radiocommunication Sector of the International Telecommunication Union (ITU-R).
- **Broadcasting:** The mandates of this Group include identification of the situation of radio frequency use, especially in the Americas Region, for harmonization of the spectrum used for broadcasting services (radio and television); promotion among the Members of the introduction of new broadcasting technologies and coordination and harmonization of procedures; and analysis of standards and operational aspects related to broadcasting networks and services, in keeping with the socioeconomic, technological, and training needs of each country.

In 2015, the following activities are of note:

- Recommendation and launch of a study on provisions to prevent the importation, marketing, and use of satellite receivers capable of unauthorized decryption of subscriber satellite TV signals.
- Establishment of guidelines for the establishment or update of agreements on spectrum use in coordination areas.
- Technical recommendations on compatibility of the UHF digital terrestrial television (DTT) broadcasting service below 698 MHz with terrestrial mobile systems in the 698 MHz – 806 MHz band.
- Analysis of the situation of earth stations of the fixed-satellite service operating in C band in order to launch the coordination, notification, and registration procedures indicated in Articles 9 and 11 of the Radio Regulations to ensure their protection and international recognition.
- Adoption of a multi-country proposal for the 2015 Radiocommunication Assembly and 231 inter-American proposals for the 2015 World Radiocommunication Conference (WRC-15). Note that during the month of the World Radiocommunication Conference, the OAS virtual community was utilized, handling at least 630 communications to 198 registered users. Some notable proposals for WRC-15 were:
  - Identification of additional frequency bands for mobile broadband communications to meet the growing demand for spectrum for mobile broadband services. The administrations and industry can now focus on developing the technologies needed in keeping with the timetable for the implementation of International Mobile Telecommunications (IMT-2020).
  - New allocation to the amateur radio service to enable stable communications at various distances, especially for use in providing emergency communications and for rescue operations.
  - Spectrum was identified in the 694-894 MHz frequency band to facilitate mobile broadband communications for public protection and disaster relief (PPDR) operations,

- such as police, fire, ambulance, as well as disaster response equipment, and search and rescue protection has been strengthened through systems such as Cospas-Sarsat.
- Nine allocations in the 7-8 GHz frequency range were adopted for future Earth explorations missions by observation satellite services.
  - Spectrum was allocated to the aeronautical mobile-satellite service for monitoring global civil aviation flights for improved security.
  - Consideration was given to regulatory provisions and frequency allocations for a new Automatic Identification System (AIS) to improve maritime radiocommunications. The new data exchange applications utilizing this technology are designed to improve navigation security.
  - Approval of spectrum allocation for automotive radar to prevent collisions and improve vehicle security by reducing traffic accidents.
  - Facilitation of the global deployment of moving earth stations in the 19.7-20.2 GHz and 29.5-30.0 GHz bands to provide global broadband connectivity for the transport community. Earth stations on board moving ships, trains, and aircraft will be able to communicate with one another using multiple high-power satellites.
  - Lastly, WRC-15 enabled the ICAO to develop international regulations for unmanned aircraft systems (UAS) that identify the regulatory conditions applicable to these types of systems at the international level.

The following seminars, workshops, and informational meetings were held in 2015.

| Seminar/Workshop/Course  | Speaker/Date/Site  |
|--|--|
| Online session to disseminate information on International Mobile Telecommunications (IMT) | José Costa, PCC.II Coordinator of IMT<br>April 21, 2015 (Spanish) and April 22, 2015 (English), 11:00 a.m. (EDT)<br>Online |
| Training session and online discussion on RJ81 software                                    | International Telecommunication Union<br>August 4, 2015 (English) and August 5, 2015 (Spanish)<br>Online                   |

The following meetings are planned to be held in 2016:

| Meeting  | Date/Site  |
|--|--|
| CITEL-ITU training session and online discussion on the procedure for electronic notification of the ITU Radiocommunication Bureau | March 23 and 24, 2016, online                                    |
| Workshop on the digital television transition and the future of broadcasting   | June 28, 2016 (date to be confirmed, half day, Bogotá, Colombia) |
| Joint Workshop ITU-CITEL “Outcomes of WRC-15 and Its Impact on the Region of the Americas”   | June 29, 2016 (date to be confirmed, half day, Bogotá, Colombia) |



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

The Seventh Summit of the Americas was held in Panama City, Panama, on April 10 and 11, 2015. Peru will host the Eighth Summit of the Americas in 2018. The theme of the Seventh Summit was “Prosperity with Equity: The Challenge of Cooperation in the Americas” and its key issues were education, health, energy, environment, migration, security, citizen participation, democratic governance, and hemispheric partnership for development.

In addition to the agreed mandates, Panama proposed, with the full agreement of the participating countries, to have significantly increased by 2020 access by the population to safe drinking water and basic sanitation; broadband access, and access to secondary or technical education. Also, in keeping with each country’s conditions, to increase investment in infrastructure and its effectiveness. It is of note that at the retreat of heads of state, it was decided to install a center for infrastructure development to support the countries of the region in connection with these mandates, and an inter-American education system was formed through a letter of intent signed by the OAS, the IDB, the World Bank, and the Andean Development Corporation (CAF).

The mission of CITELE is to facilitate and promote the integral and sustainable development of interoperable, innovative, and reliable telecommunications/information and communication technologies (ICTs) in the Americas under the principles of universality, equity, and affordability. It has been recognized that telecommunications/ICTs play an essential part in making possible and expediting sustainable social and economic development in the region. The work of CITELE has crosscutting impact in all areas. It is of note that different studies and recommendations on broadband and other matters being developed in the ambit of CITELE will make it possible to enhance the effectiveness of the implementation and use of infrastructure.

Note that at the 31 Meeting of the Executive Committee of CITELE (COM/CITELE) (December 2015), a resolution was adopted whereby member states are invited to participate actively in the activities of CITELE related to the implementation of the Mandates of Action of the Seventh Summit of the Americas and to forward to the National Coordinator of the Summit of the Americas, documents arising from different CITELE meetings and events that reflect the impact and advances toward implementation of those Mandates, in particular with respect to broadband access, investment in broadband infrastructure.

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

Mr. Oscar León, the new Executive Secretary of CITELE, assumed this post on September 21, 2015.

At the 31 Meeting of the Executive Committee of CITELE (COM/CITELE) (December 2015), the Executive Secretary of CITELE was instructed to redouble efforts in order to mobilize external resources in the implementation of the CITELE mandates and to use existing resources -or those obtained- to provide technical assistance to existing programs, projects and activities, as well as any new telecommunications/ICTs initiatives, with the aim of promoting the strategic goals of CITELE according to its Strategic Action Plan, and to help the countries of the region search for solutions to their obstacles and challenges with respect to social innovation.

At that meeting of COM/CITELE, bearing in mind that remote participation has been recognized by CITELE as an effective mechanism for promoting greater participation by the Member States in the meetings of CITELE, it was decided to instruct the Executive Secretary of CITELE to coordinate with the

host countries of the upcoming meetings of the PCCs in order to organize pilot meetings where the technical facilities required for remote participation utilizing electronic media were installed.

At the 31 Meeting of COM/CITEL, Mr. León presented a proposal for the future of CITEL and the structure of the Secretariat, which was adopted.

## 5.1 Representation of CITEL in other forums

OAS/CITEL was represented at the meetings indicated below. The budget for participation in these events does not correspond to CITEL, with the exception of resources for the representation of the Secretariat of CITEL at WRC-15.

| Meeting  | Date, site                                | Spokesperson                                      | Delegates   |
|--|---|---|---|
| CEPT Conference Preparatory Group Project Team A (CPG PTA) meeting       | January 12-16, 2015<br>Sliema, Malta      | Alexander Roytblat<br>(United States of America)  | --  |
| CEPT Conference Preparatory Group Project Team C (CPG PTC) meeting       | January 20-23, 2015,<br>Budapest, Hungary | Michael Lemke<br>(United States of America)       | --  |
| 6th CPG-15 Meeting<br>CEPT   | February 3-6, 2015,<br>Floriana, Malta    | Charles Glass (United States of America)          | --  |
| 4th Meeting of the APT Conference Preparatory Group for WRC-15 (APG15-4) | February 9-14, 2015,<br>Bangkok, Thailand | Cindy Cook (Canada)                               | Alexander Roytblat<br>(United States of America)<br>Brandon Mitchell (United States of America) |
| 6th RCC WG (WRC-15/RA-15)  | February 25-27, 2015, Moscow, Russia      | Tatiana Lawrence<br>(United States of America)    | --  |
| 2015 Ministerial Programme at GSMA Mobile World Congress                 | March 2 and 5, 2015,<br>Barcelona, Spain. | Clovis Baptista<br>(Executive Secretary of CITEL) | --  |
| LTE & Network Virtualization & SDN Latin America 2015                    | April 8 and 9, 2015                       | Clovis Baptista<br>(Executive Secretary of CITEL) | --  |
| CEPT Conference Preparatory Group Project Team D meeting                 | April 21-24, 2015,<br>Lithuania           | Alexander Roytblat<br>(United States of America)  | --  |

| <b>Meeting</b>  | <b>Date, site</b>   | <b>Spokesperson</b>                                  | <b>Delegates</b>   |
|---|---|--|--|
| 7th CPG-15 Meeting<br>CEPT  | June 2-5, 2015, Porto,<br>Portugal                        | Cecily Holiday<br>(United States of<br>America)      | Audrey Allison (United<br>States of America)<br>Mike Biggs (United States<br>of America)<br>Charles Glass (United<br>States of America)  |
| Telecommunications:<br>advances in connectivity,<br>quality, and coverage, and<br>challenges in closing the<br>coverage gap | June 22, 2015,<br>Mexico                                  | Clovis Baptista<br>(Executive Secretary<br>of CITEL) | --   |
| Regional Forum on<br>Optimization and Efficient<br>Use of Spectrum  | July 13, 2015,<br>Cancun, Mexico                          | Clovis Baptista<br>(Executive Secretary<br>of CITEL) | --   |
| CEPT Conference<br>Preparatory Group Project<br>Team B (CPG PTB)<br>meeting   | July 13 – 16, 2015,<br>Copenhagen                         | Brandon Mitchell<br>(United States of<br>America)    | --   |
| 7th CPG-15 PTA Meeting<br>CEPT  | July 21-24, 2015<br>Catania, Italy                        | Cecily Holiday<br>(United States of<br>America)      | Christine M DiLapi<br>(United States of<br>America)  |
| 5th Meeting of the APT<br>Conference Preparatory<br>Group for WRC-15<br>(APG15-5)   | July 27 to August 1,<br>2015, Seoul, Republic<br>of Korea | Charles Glass (United<br>States of America)          | Audrey Allison (United<br>States of America)<br>Brandon Mitchell (United<br>States of America)<br>Alexander Roytblat<br>(United States of<br>America)<br>Franz Zichy (United<br>States of America) |
| Fifth Ministerial<br>Conference on the<br>Information Society in<br>Latin America and the<br>Caribbean                      | August 6 and 7, 2015,<br>Mexico, D.F, Mexico              | Clovis Baptista<br>(Executive Secretary<br>of CITEL) | --   |
| 20th and final meeting of<br>the Arab Spectrum<br>Management Group<br>(ASMG-20) in preparation<br>for WRC-15                | August 27, 2015,<br>Rabat, Morocco                        | Paul Najarian (United<br>States of America)          | Mindel De La Torre<br>(United States of<br>America)<br>Brian Patten (United<br>States of America)<br>Edward Rocksvold<br>(United States of<br>America)   |

| Meeting  | Date, site                                      | Spokesperson   | Delegates   |
|--|---|--|---|
| 3 <sup>rd</sup> Inter-regional Workshop on WRC-15 Preparation                                  | September 1-3, 2015, Geneva, Switzerland        | Carmelo Rivera (Vice Chair, WG for the preparation for WRC-15) | <p>Marcella Ost (Rapporteur, WG for the preparation for WRC-15)</p> <p>Charles Glass (United States of America)</p> <p>José Costa (Alternate Coordinator, WG for the preparation for WRC -15)</p> <p>Jerry Conner (Coordinator, WG for the preparation for WRC-15)</p> <p>Juan Masciotra (Rapporteur, WG for the preparation for WRC -15)</p> <p>Chantal Beaumier (Rapporteur, WG for the preparation for WRC-15)</p> |
| RCC WG (WRC-15/RA-15)  | September 10, 2015, Moscow, Russia              | Tatiana Lawrence (United States of America)                    | --  |
| 8th Meeting of the APT Conference Preparatory Group for WRC-15 (APG15)                         | September 14- 18, 2015, Bergen, Norway          | Cecily Holiday (United States of America)                      | <p>Alex Roytblat (United States of America)</p> <p>Audrey Allison (United States of America)</p> <p>Brian Patten (United States of America)</p> <p>Alex Roytblat (United States of America)</p> <p>Donald Nellis (United States of America)</p> <p>Luciana Camargos (Brazil)</p>  |
| 2nd Annual Latin-Americas Spectrum Management Conference                                       | October 20 and 21, 2015, Rio de Janeiro, Brazil | Clovis Baptista (Executive Secretary of CITELE)                | --  |
| 4G Americas Wireless Technology Summit at Futurecom<br>Future of LTE-Advanced and Beyond to 5G | October 26, 2015, San Paolo, Brazil             | Oscar León (Executive Secretary of CITELE)                     | --  |

| Meeting  | Date, site  | Spokesperson   | Delegates   |
|--|---|--|---|
| Roundtable on Telecommunications and Information Technology on the prospects and challenges for transatlantic and global agreement on key agenda items at WRC-15 | September 29, 2015, Washington, D.C, United States of America | Clovis Baptista (CITEL)  | --  |
| Futurecom  | October 26-29, 2015, San Paolo, Brazil                        | Oscar León (Executive Secretary of CITEL)  | --  |
| Regional Workshop on Strategic Broadband Infrastructure for Development for the Americas   | October 26, 2015, San Paolo, Brazil                           | Oscar León (Executive Secretary of CITEL)  | --  |
| 2015 Radiocommunication Assembly   | October 26-30, 2015, Geneva, Switzerland                      | Marc Girouard (Canada)   | --  |
| 2015 World Radiocommunication Conference   | November 1 to 27, 2015, Geneva, Switzerland                   | Oscar León (Executive Secretary of CITEL)<br>Graciela Piedras (Senior Telecommunication Specialist of CITEL) | There were spokespersons for each WRC agenda item |
| Group on Capacity Building Initiatives-ITU Centre of Excellence  | November 11 and 12, 2015                                      | Erick Huerta (Mexico)  | --  |

## 6. MAINSTREAMING GENDER IN THE WORK OF CITEL

ICTs are tools that can assist in promoting gender equity and women's empowerment, and in preventing and ending violence against women, while also making possible new forms of violence against women. PCC.I adopted the Call for Awards and Award Rules for the contest "ICTs to Prevent and Eradicate Violence Against Women," to be awarded at the XXIX Meeting of PCC.I of CITEL.

PCC.I also resolved to strengthen the "Program for the Inclusion of Women and Girls in ICTs" by updating a 2016-2018 road map for the development of projects, necessary human and financial resources, and the commitment of the administrations and of other regional and international institutions to the empowerment of women through ICTs. This work will be done in coordination with the Inter-American Commission of Women (CIM).

## 7. COOPERATION RELATIONS WITH REGIONAL AND INTERNATIONAL ORGANIZATIONS

Cooperation by CITELE with international and regional organizations is a means to improve efficiency, avoid duplication of effort, and reduce dispute resolution time by considering different issues at an early stage. Note the existence of a draft model cooperation agreement between the Inter-American Telecommunication Commission of the Organization of American States and other organizations that includes a list of documents needed for the consideration of requests for cooperation agreements.

To facilitate the work during international conferences, CITELE also participates in inter-regional meetings with the criterion of strengthening dialogue with the representatives of regional telecommunication organizations worldwide on matters addressed in international telecommunication organizations, such as the International Telecommunication Union (ITU).

Note that in the framework of the Agreement with the ITU, PCC.I has established cooperation channels with the ITU Regional Office for the holding of international forums on policies and strategies that could be implemented for the social inclusion of persons with disabilities through access to telecommunications.

The table at the end of this section shows the 19 organizations with which CITELE has signed cooperation agreements, from which has been deleted the association IA-350, since it is no longer in operation. Note that each year, cooperation agreements must be concluded with the Regional Training Centers for which CITELE offers scholarships. These agreements are not included in this table.

This list and the agreements' commitments will be reviewed to confirm that they are consistent with the objects and goals of the Strategic Plan of CITELE.

| Organizations  | Objective  | Date of signature/<br>termination |
|--|--|-----------------------------------|
| Hispano-American Association of Research Centres and Telecommunications Companies (AHCJET) | 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         |
| Andean Community Telecommunications Enterprises Association (ASETA)                        | An international organization with broad experience in the telecommunication area  | Signed: December 14, 2001         |
| Alliance for Telecommunication Industry Solutions (ATIS) Committee T1 (USA)                | Establishes standards for planning, designing, and the operation of global end-to-end telecommunications and related telecommunication services  | Signed: August 24, 2001           |

| Organizations   | Objective   | Date of signature/<br>termination |
|---|---|-----------------------------------|
| 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 (C/LAA)                                     | An independent private organization for the promotion of private sector-led economic development in the Caribbean area and throughout the Hemisphere  | Signed: August 16, 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             |
| Caribbean Telecommunications Union (CTU)                                    | The CTU was established in 1989, in Nassau, The Bahamas, by treat. It was established by the Heads of CARICOM governments. In fulfillment of its objectives, the CTU may, inter alia: (i) Promote and assist in the formulation and implementation of bilateral or multilateral telecommunications programmes within the Caribbean Region in cooperation with appropriate international or regional organisations; (ii) Organise Conferences, Seminars and Workshops; and (iii) Provide a forum for the discussion and resolution of telecommunications issues concerning the Region. | Signed: May 19, 2011.             |
| 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 Astronautical 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           |

| Organizations  | Objective  | Date of signature/<br>termination |
|--|--|-----------------------------------|
| Telecommunication Industry Association (TIA) (USA)   | 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 (Federación de la Mancomunidad Regional en el Área de Comunicaciones) (RCC) | Created by the communications administrations of the states indicated in the agreement establishing a Regional Commonwealth in the Field of Communications (December 17, 1991), with the aim of ensuring broad cooperation and carrying out coordinated activities among these states in the area of postal communications and telecommunications.<br>(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).   | Signed: August 14, 2002           |
| ICANN  | ICANN, a non-profit public-interest entity, is the international organization responsible for managing and supervising coordination of the Internet domain name system and its unique identifiers.<br>ICANN was created through a Memorandum of Understanding between the US Department of Commerce and ICANN to manage the transition of the Domain Names System (DNS) from the Government of the United States into the global community. The most recent version of the Memorandum of Understanding is meant to be the final text and sets forth a series of objectives for ICANN which, when they are achieved, will lead to a totally independent ICANN organization. | Signed: January 9, 2008           |
| Internet Society (ISOC)  | An international organization whose mission is to provide world coordination and cooperation in connection with the Internet.  | Signed: October 2, 2008           |
| 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              |



| Organizations   | Objective   | Date of signature/<br>termination |
|---|---|-----------------------------------|
| International Telecommunication Union                           | <p>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.</p> <p>In April 2004, an agreement specific to the training program was signed with the ITU Centre of Excellence. To complement this Agreement, a specific tripartite agreement was concluded between CITELE, the ITU, and the Regional Training Centers that offer the courses, indicating a number of aspects, among them: each organization's responsibilities, number of scholarships, copyright, and evaluation of the quality of the material. These agreements normally remain in force until the conclusion of the different courses.</p> <p>A cooperation agreement on "Bridging the ICT Standardization Gap for the Americas region" was signed on August 20, 2007.</p> | Initially signed:<br>May 16, 1969 |
| Francisco José de Caldas District University, Bogotá, Colombia. | <p>State or public institution of higher education, classified as a District University, established by Agreement No. 010 of February 5, 1948.</p> <p>The University's objectives include democratization of knowledge in order to regulate and guarantee, on behalf of the state, the societal right to critical and rigorous higher education of quality, on the basis of social equity and competitiveness, through research, teaching, and services to communities in local, national, and international contexts.</p>  | Signed: November 23, 2009         |

## 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 Convention's instruments of ratification and accession.

| 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          |             |                               |
| 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 of America | 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**

Signatures that are 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 of America and Uruguay.

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

This Convention was adopted 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 a 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 RA, AC, and AD.

| 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          | RA 02/08/02 | 03/08/02                      |
| Panama            | 04/09/02          | RA 02/03/03 | 03/27/03                      |
| Peru              | 09/15/95          | RA 12/28/95 | 01/24/96                      |

| Signatory country        | Date of signature | RA/AC/AD    | Date of deposit of instrument |
|--------------------------|-------------------|-------------|-------------------------------|
| Trinidad and Tobago      |                   | AD 07/13/01 | 08/16/01                      |
| United States of America | 06/08/95          |             |                               |
| Uruguay                  | 06/08/95          |             |                               |
| 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 OAS General Assembly, 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, particularly in emergencies. The OAS General Secretariat is the depository for instruments of RA, AC, and AD.

| Signatory country | Date of signature | RA/AC/AD | Date of deposit of instrument |
|-------------------|-------------------|----------|-------------------------------|
| El Salvador       | 07/21/10          |          | 09/15/10                      |
| Panama            | 11/21/06          | RA       | 11/21/06                      |

This Protocol came into force on the thirtieth day after the date on which the two States became Parties to it.

The Member States are urged to sign the Convention and the Protocol of Amendment, in view of the importance of this method of communication in disasters.

## 9. TRAINING ACTIVITIES SPONSORED BY CITEL/OAS

In 2015, CITEL had 22 Regional Training Centers distributed throughout the region. In 2015, the program of courses for which scholarships are offered was prepared based on the surveys of the region's telecommunication training needs. In 2015, pursuant to the provisions of resolution **COM/CITEL RES. 259 (XXIX-14)**, scholarships were offered for 10 online courses and four on-site courses, details of which are given in the table below. Ninety-seven scholarships were awarded to 19 Member States. Two courses were still under way at the time of preparation of this report.

| <b>COURSE</b>   | <b>CENTER</b>  | <b>DATE, VENUE AND LANGUAGE</b>                        | <b>NUMBER OF SCHOLARSHIPS</b>   | <b>NUMBER OF SCHOLARSHIPS AWARDED</b> |
|---|--|--|---|---------------------------------------|
| Onsite course on telecommunications/ICT Policies and Regulations                      | United States Telecommunications Training Institute (USTTI)  | July 20 to 24<br>1 week<br>English                     | OAS/CITEL offers one scholarship covering round trip air fare from the country of origin to the study site in economy class<br><br>USTTI offers one US\$400 scholarship and waives the US\$150 administration fee | 1                                     |
| Distance-learning course on Data Security and ISO 27001 and 27002 standards           | National Telecommunication Research and Training Institute of Peru [INICTEL-UNI]<br>National University of Engineering of Peru   | July 20 to August 21<br>5 weeks (40Hrs)<br><br>Spanish | 12 Scholarships (Professional Development Scholarship Program and OAS/CITEL)  | 17                                    |
| Distance-learning course on radio spectrum Management using latest generation tools   | ITU Center of Excellence for the Americas Region   | September 7 to October 2<br>4 weeks<br>Spanish         | 8 scholarships (Professional Development Scholarship Program)   | 4                                     |
| Distance-learning Technology for Optical Access Networks and Next Generation Networks | ITU Center of Excellence for the Americas Region<br><br>National Telecommunication Research and Training Institute of Peru [INICTEL-UNI]<br>National University of Engineering of Peru | October 5 to 30<br>4 Weeks (40 Hours)<br>Spanish       | 8 scholarships (OAS/CITEL)  | 7                                     |

| <b>COURSE</b>  | <b>CENTER</b>  | <b>DATE, VENUE AND LANGUAGE</b>                            | <b>NUMBER OF SCHOLARSHIPS</b>   | <b>NUMBER OF SCHOLARSHIPS AWARDED</b> |
|--|--|--|---|---------------------------------------|
| Onsite course on Communications in emergency situations  | United States Telecommunications Training Institute (USTTI)  | October 5 to 9<br>1 Week<br>English                        | OAS/CITEL offers 3 scholarship covering round trip air fare from the country of origin to the study site in economy class (Professional Development Scholarship Program)<br><br>USTTI offers one US\$400 scholarship and waives the US\$150 administration fee. | 3                                     |
| Distance-learning course Advanced Android Programming  | Universidad Blas Pascal  | October 6 to November 13<br>Spanish                        | 12 scholarships (OAS/CITEL)   | 10                                    |
| Distance-learning course Regulation of telecommunications and media                                | Universidad Blas Pascal  | October 7 to November 16<br>4 Weeks<br>Spanish             | 12 scholarships (OAS/CITEL)   | 12                                    |
| Distance-learning course on Formulation of telecommunications projects                             | National Telecommunication Research and Training Institute of Peru [INICTEL-UNI]<br>National University of Engineering of Peru | October 21 to November 25<br>4 Weeks (30 Hours)<br>Spanish | 12 scholarships (Professional Development Scholarship Program and OAS/CITEL)  | 12                                    |
| Master Class on Telecommunications Regulation in the European Union                                | Cullen International S.A.  | October 27 to 29<br>Onsite<br>English                      | Cullen offers one scholarship covering the registration fee, travel, and hotel; and one scholarship covering the registration fee   | 2                                     |
| Distance-learning course on Cognitive Radio and Regulation: New challenges for Spectrum management | Icesi University   | November 23 to December 23<br>4 Weeks<br>Spanish           | 12 scholarships (OAS/CITEL)   | 3                                     |
| Distance-learning course on Spectrum monitoring systems  | Icesi University   | November 23 to December 23<br>4 Weeks<br>Spanish           | 12 scholarships (OAS/CITEL)   | 7                                     |

| <b>COURSE</b>                                      | <b>CENTER</b>             | <b>DATE, VENUE AND LANGUAGE</b>   | <b>NUMBER OF SCHOLARSHIPS</b>   | <b>NUMBER OF SCHOLARSHIPS AWARDED</b> |
|--|---------------------------|---|---|---------------------------------------|
| Distance-learning course on mHealth: Introduction. | ANTEL Uruguay             | November 23 to December 23<br>4 Weeks<br>English and Spanish                              | 12 scholarships (OAS/CITEL)   | 4                                     |
| Master Class on Digital Economy                    | Cullen International S.A. | November 25 & 26<br>Onsite<br>English   | Cullen offers one scholarship covering the registration fee, travel, and hotel; and one scholarship covering the registration fee | 1                                     |
| Distance-learning course on NGN                    | ANTEL Uruguay             | December 7 to 18, 2015 and January 18 to March 1, 2016<br>10 Weeks<br>English and Spanish | 12 scholarships (OAS/CITEL)   | 14                                    |

The use of budgetary resources is set out in the Budget section of this report, below.

The table below shows the scholarships awarded, by country:

| <b>Country</b>             | <b>Total</b> | <b>Country</b>                   | <b>Total</b> |
|----------------------------|--------------|----------------------------------|--------------|
| ANTIGUA AND BARBUDA        |              | GUYANA                           |              |
| ARGENTINA                  | 7            | HAITI                            | 1            |
| BAHAMAS                    | 1            | HONDURAS                         | 2            |
| BARBADOS                   |              | JAMAICA                          |              |
| BELIZE                     | 1            | MEXICO                           | 1            |
| BOLIVIA                    | 2            | NICARAGUA                        |              |
| BRAZIL                     | 3            | PANAMA                           | 6            |
| CANADÁ                     |              | PARAGUAY                         | 13           |
| CHILE                      | 5            | PERÚ                             | 1            |
| COLOMBIA                   | 13           | SAINT KITTS AND NEVIS            | 2            |
| COSTA RICA                 | 10           | SAINT LUCÍA                      |              |
| DOMINICA (COMMONWEALTH OF) |              | SAINT VINCENT AND THE GRENADINES |              |
| DOMINICAN REPUBLIC         | 12           | SURINAME                         |              |
| ECUADOR                    | 7            | TRINIDAD AND TOBAGO              |              |
| EL SALVADOR                |              | UNITED STATES OF AMERICA         |              |
| GRENADA                    |              | URUGUAY                          | 8            |
| GUATEMALA                  |              | VENEZUELA                        | 2            |

The terms on which courses are offered by the Regional Training Centers and the ITU were adopted by the above-mentioned COM/CITEL resolution. These are:

1. The maximum number of students in each distance course group shall be: 35 participants.
2. The maximum tuition fee for all distance education courses with scholarships through CITEL will be US\$200.
3. That 10% of the total amount collected from tuition fees from all participants in distance learning courses will be deposited in an account to be used as seed budget for the course program in coming years. The use of such seed budget will be authorized by the Coordination for the Development of Human Resources.

The initial course program for 2016 for which OAS/CITEL scholarships will be offered is now in preparation based on the instructions received by COM/CITEL.

Note that online sessions are also offered free of charge, and their details may be found in the sections of this report on PCC.I and PCC.II.

## 10. BUDGET OF CITEL

### 10.1 Budget and Execution for 2015

|   | Actual allocation (in<br>US\$1000s) | Expenditure as of<br>10/31/2015 |
|---|-------------------------------------|---------------------------------|
| Scholarships  | 7.6                                 | 0.0                             |
| Travel  |                                     | 15.3                            |
| Document preparation  | 1.8                                 | 0.0                             |
| Office equipment and supplies                                   | 5.9                                 | 16.4                            |
| Contract services (translators,<br>interpreters, support staff) | 56.6                                | 46.1                            |
| Other items   | 28.8                                | 5.6                             |
| <b>Subtotal</b>   | 100.1                               | 83.4                            |
| Executive Secretariat staff                                     | 462.7                               | 446.0                           |
| <b>TOTAL</b>  | <b>562.8</b>                        | <b>529.4</b>                    |

## 10.2 Budget for 2015

The projected allocation to CITEL from the OAS Regular Fund for 2016 is US\$565,300.

|                | Allocation for 2015<br>(in US\$1000s) | Allocation for 2016<br>(in US\$1000s) | Percentage<br>variation from<br>2015 to 2016 |
|----------------|---------------------------------------|---------------------------------------|--|
| Staff costs    | 462.7                                 | 465.5                                 | 0.61%  |
| Activity costs | 100.1                                 | 99.8                                  | 0.0%   |
| <b>TOTAL</b>   | <b>562.8</b>                          | <b>565.3</b>                          | <b>0.61%</b>                                 |

## 10.3 Scholarships

In 2014, CITEL had a Regular Fund allocation for scholarships of US\$5,000 from the Department of Human Development, Education, and Culture and a Regular Fund allocation of US\$7,500 to CITEL. US\$4,812.65 from the budget from the Department of Human Development, Education, and Culture and US\$7,400 of the Regular Fund allocation to CITEL was utilized. In addition, US\$5,200 from the Seed Fund of CITEL was utilized. A total of US\$17,412.65 in budgetary resources was used. This amount does not include the amount awarded by the OAS Professional Development Program or the amount of the scholarships offered by the Regional Training Centers. At the time of preparation of this report, two courses were still under way

## 10.4 External funds

Any incorporated agency, 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 notification of the contributory unit selected. Since January 1, 2015, the value of the contributory unit has been US\$3,500 for each Permanent Consultative Committee, adopted at the Sixth Regular Meeting of CITEL by resolution CITEL/RES. 77 (VI-14).

As of December 31, 2015, CITEL had received a total US\$359,558 from associate members, distributed as follows:

|               | PCC.I          | PCC.II         |
|---------------|----------------|----------------|
| <b>2015</b>   | 124,823        | 227,601        |
| <b>2014</b>   | 3,000          | 4,134          |
| <b>TOTAL:</b> | <b>127,823</b> | <b>231,735</b> |

For 2015, as of December 31, 2015, a total of US\$36,726 in contributions remains unpaid.

|             | PCC.I  | PCC.II |
|-------------|--------|--------|
| <b>2015</b> | 12,226 | 24,500 |



CITEL has 116 associate members. Arrears in payment of contributions are as follows:

|             | <b>PCC.I</b> | <b>PCC.II</b> | <b>TOTAL</b> |
|-------------|--------------|---------------|--------------|
| <b>2014</b> | 3,000        | 12,912        | 15,912       |
| <b>2013</b> | 781          | 0             | 781          |

The following table shows (in US\$) how external (specific) funds were used by each PCC as of December 31, 2015:

| <b>COMMITTEE</b>             | <b>INCOME</b>  | <b>EXPENDITURE</b> | <b>OBLIGATIONS</b> | <b>BALANCE</b> |
|------------------------------|----------------|--------------------|--------------------|----------------|
| <b>PCC.I</b>                 |                |                    |                    |                |
| Initial balance as of 1/1/15 | (9,369)        |                    |                    |                |
| Income as of 12/31/15        | 127,823        |                    |                    |                |
| <i>SUBTOTAL</i>              | <i>118,454</i> | <i>118,044</i>     |                    | <i>410</i>     |
| <b>PCC.II</b>                |                |                    |                    |                |
| Initial balance as of 1/1/15 | (22,446)       |                    |                    |                |
| Income as of 12/31/15        | 231,735        |                    |                    |                |
| <i>SUBTOTAL</i>              | <i>209,289</i> | <i>208,632</i>     |                    | <i>657</i>     |
| <b>TOTALS to 12/31/2015</b>  | <b>327,743</b> | <b>326,676</b>     |                    | <b>1,067</b>   |

#### 11. SCHEDULE OF MEETINGS OF CITEL FOR 2016

| <b>Meeting</b>  | <b>Date</b>             | <b>Site</b>               |
|---|-------------------------|---------------------------|
| Telecommunication Standardization Advisory Group  | February 1, 2016        | Geneva, Switzerland       |
| Meetings of the Council Working Groups  | February 15 to 26, 2016 | Geneva, Switzerland       |
| Joint Online Workshop ITU-CITEL “Global Strategies against Mobile Device Theft”   | March 16, 2016          | Online                    |
| CITEL-ITU virtual training and discussion session on the procedure for electronic notification of the ITU Radiocommunication Bureau | March 23 and 24, 2016   | Online                    |
| Seminar “The Internet of Things and Machine to Machine Communications – Approaches in the Americas”                                 | May 16, 2016            | San Salvador, El Salvador |

| Meeting  | Date   | Site                      |
|--|--|---------------------------|
| 28 Meeting of PCC.I  | May 17 to 20, 2016   | San Salvador, El Salvador |
| Seminar on “Security Measures Implemented in the Contracting of Mobile Services”   | May 18, 2016 [date to be confirmed – meetings of the Working Group on Policy and Regulation] | San Salvador, El Salvador |
| Seminar on “Best Regulatory Practices to Combat Fraud in Subscription Satellite TV Signal Reception”                       | May 19, 2016 [date to be confirmed – meetings of the Working Group on Policy and Regulation] | San Salvador, El Salvador |
| Meeting of the Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU) | May 25 to June 2, 2016   | Geneva, Switzerland       |
| 2016 session of the ITU Council  | May 25 to June 2, 2016   | Geneva, Switzerland       |
| 27 Meeting of PCC.II   | June 28 to July 1, 2016  | Bogotá, Colombia          |
| Workshop on the digital television transition and the future of broadcasting   | June 28, 2016 [date to be confirmed – half day]  | Bogotá, Colombia          |
| Joint Workshop ITU-CITEL “Outcomes of WRC-15 and Its Impact on the Region of the Americas”                                 | June 29, 2016 [date to be confirmed – half day]  | Bogotá, Colombia          |
| Inter-regional Telecommunication Standardization Meeting   | July 18 and 19, 2016   | [To be determined]        |
| 29 Meeting of PCC.I  | August 23 to 26, 2016  | [To be determined]        |
| 28 Meeting of PCC.II   | September 19 to 23, 2016   | [To be determined]        |
| Working Group to prepare for and follow up on WTSA, WCIT, and WTDC   | October 24 to November 3, 2016   | Tunisia                   |
| World Telecommunication Standardization Assembly   | October 25 to November 3, 2016   | Tunisia                   |
| 32 Meeting of COM/CITEL  | December 12, 13, and 14, 2016 [subject to confirmation of December 14]                       | Dominican Republic        |

 ITU meetings

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

Attached is the draft resolution approved at the 31st Meeting of the Permanent Executive Committee of CITEL.

### **GA/RES. XXXX (XLVI-O/16)**

#### **Priority role of the OAS in the development of telecommunications/ information and communication technologies through the Inter-American Telecommunication Commission (CITEL)**

THE GENERAL ASSEMBLY,

#### **RECALLING:**

That the aim of the OAS, as stipulated in Article 1 of the Charter, is to achieve among its Member States "an order of peace and justice, to promote their solidarity, to strengthen their collaboration, and to defend their sovereignty, territorial integrity and independence;"

That to meet these ends, the OAS was built upon the central pillars of democracy, human rights, security, and development;

That it is the mission of the Inter-American Telecommunication Commission (CITEL) to facilitate and promote the integrated, sustainable development of interoperable, innovative, reliable telecommunications/information and communication technologies (ICTs) in the Americas under the principles of universality, equity and affordability,

#### **CONSIDERING:**

That the environment of telecommunications/information and communication technologies (ICTs) is changing considerably due to technological progress and growing user demands for services, and that these developments provide access to information and knowledge through the supply of more efficient, affordable services and applications, particularly in rural and remote areas,

#### **RECOGNIZING:**

That, despite the impressive growth and expansion of telecommunications/ICTs recorded in the region of the Americas, there are still major disparities, as many countries lack the necessary basic infrastructure, long-term public plans and policies, and suitable laws and/or regulations to facilitate the development of ICTs, applications and content.

That telecommunications/ICT applications and digital contents have a key role in national and regional processes of political, social, economic, and cultural development through the promotion of education, e-government, employment, health, transport, industry, human rights, environmental protection, trade, and others;

That an enabling environment, consisting of the policies and capabilities needed for the population to utilize and develop technologies, is as essential as investments in infrastructure,

## STRESSING:

That the OAS, through CITEL, remains ideally positioned for coordination, exchange of opinions, holding dialogues, harmonizing telecommunication/ICT strategies, and adopting common views to enable non-discriminatory access to services and applications;

That in 2015, in compliance with its mandates, CITEL conducted innumerable activities in support of development, which included: adopting more than 230 Inter-American Proposals for the 2015 World Radiocommunication Conference of the International Telecommunication Union (ITU) and starting preparations for the ITU World Assembly on Telecommunication Standardization to be held in 2016, thereby ensuring that the voice of the Americas region be heard strongly at this UN world forum; offering 98 scholarships for 14 courses and conducting various seminars, workshops and online tutorials on matters of priority for the countries; and adopting several resolutions and recommendations on topics such as:

- regional measures to combat the importation, sale and use of unauthorized satellite TV receiving devices;
- setting up computer incident response teams (CIRTs);
- guidelines for establishing spectrum use agreements in coordination areas;
- technical recommendations for the compatibility of the UHF digital terrestrial television (DTT) broadcasting service below 698 MHz with systems of the land mobile service in the 698 MHz - 806 MHz band;
- registering the earth stations of the fixed satellite service (FSS);
- strengthening the CITEL "Program for the Inclusion of Women and Girls in ICTs" by updating a 2016-2018 road map for the development of projects, human and financial resources for the empowerment of women through ICTs;
- technological neutrality related to the provision of telecommunication services, safeguarding conditions of quality and equality for users; and
- adopting a program for the development of technical visits on issues relating to the protection of user rights.

## RESOLVES:

1. To invite the member states to take an active role in the work of harmonizing, developing and enhancing telecommunications/ICTs in the region by taking appropriate measures to adapt to trends in telecommunication/ICT infrastructure development.
2. To ask CITEL to continue analyzing and developing studies and models of affordable, sustainable systems of access to telecommunications/ICTs, particularly in rural areas, and to continue its broad dissemination of national and regional initiatives, in order to ensure equitable access to telecommunications/ICTs, information and knowledge.
3. To promote and facilitate efforts toward collaboration and support for the various areas of the OAS to carry out studies and interrelated activities aimed at expanding the use of telecommunications/ICTs as an essential tool to achieve optimal use of resources.
4. To ask CITEL to strengthen its cooperation and coordination with regional and international telecommunication/ICT organizations for better resource use and to achieve short-term results.
5. To instruct the General Secretariat of the OAS to continue providing CITEL the financial support necessary to ensure continuity in fulfilling its mandates.

6. To invite member states and permanent observers, individuals, and private and public national or international entities who wish to make voluntary financial contributions, provide expertise and other forms of assistance, in order to better respond to requests by developing countries in the field of telecommunications/ICTs to support the development and implementation of CITELE's projects and programs.

7. To ask CITELE to present a progress report regarding the implementation of this resolution at the XLVII regular session of the General Assembly.

## **ANNEXES**

- A. Associate Members**
- B. List of Meetings Held in 2015**
- C. Quantifiable Results of CITELE for 2015**
- D. Titles of Resolutions, Recommendations, and Decisions Adopted in 2015**



**ANNEX A**

**ASSOCIATE MEMBERS**

**LIST OF ASSOCIATE MEMBERS OF PCC.I: TELECOMMUNICATIONS/ICT  
(As of December 31, 2015)**

| <b>No.</b> | <b>Country</b> | <b>Company Name</b>                                       | <b>No. Units</b> |
|------------|----------------|---|------------------|
| 1          | Argentina      | ALCATEL-LUCENT DE ARGENTINA S.A.                          | 1.0              |
| 2          | Argentina      | COMPAÑIA ERICSSON S.A.C.I.                                | 1.0              |
| 3          | Argentina      | EMPRESA ARGENTINA DE SOLUCIONES SATELITALES S.A. (AR-SAT) | 1.0              |
| 4          | Argentina      | GOOGLE ARGENTINA SRL                                      | 1.0              |
| 5          | Argentina      | TELECOM ARGENTINA S.A.                                    | 1.0              |
| 6          | Argentina      | TELEFONICA DE ARGENTINA                                   | 1.0              |
| 7          | Belgium        | MOBILE MANUFACTURES FORUM (MMF)                           | 1.5              |
| 8          | Brazil         | NEXTEL TELECOMUNICAÇÕES LTDA.                             | 1.0              |
| 9          | Brazil         | Oi  | 1.0              |
| 10         | Brazil         | QUALCOMM SERVIÇOS DE TELECOMUNICAÇÕES LTDA.               | 1.0              |
| 11         | Brazil         | SAMSUNG ELECTRÔNICA DA AMAZÔNIA LTDA.                     | 1.0              |
| 12         | Canada         | MICROSOFT CANADÁ  | 1.0              |
| 13         | Chile          | CISCO SYSTEMS CHILE                                       | 1.0              |
| 14         | Chile          | ENTEL PCS TELECOMUNICACIONES S.A.                         | 1.0              |
| 15         | Colombia       | ASOCIACION COLOMBIANA DE INGENIEROS (ACIEM)               | 1.0              |
| 16         | Costa Rica     | INSTITUTO COSTARRICENSE DE ELECTRICIDAD (ICE)             | 1.0              |
| 17         | Ecuador        | CORPORACION NACIONAL DE TELECOMUNICACIONES CNT EP         | 1.0              |
| 18         | USA            | AMERICAN REGISTRY FOR INTERNET NUMBERS (ARIN)             | 1.0              |
| 19         | USA            | ATIS  | 1.0              |
| 20         | USA            | AT&T  | 1.0              |
| 21         | USA            | CISCO SYSTEMS INC.  | 1.0              |
| 22         | USA            | DIRECTV LATIN AMERICA                                     | 1.0              |
| 223        | USA            | GSMA LATIN AMERICA  | 1.0              |
| 24         | USA            | INTERNET SOCIETY (ISOC)                                   | 1.0              |
| 25         | USA            | ROBERT BOSCH LLC  | 1.0              |
| 26         | USA            | QUALCOMM, INC.  | 1.0              |
| 27         | USA            | TAHOE CONSULTING, LLC                                     | 1.0              |
| 28         | USA            | VERIZON COMMUNIACTIONS                                    | 1.0              |
| 29         | Mexico         | AMERICA MOVIL, S.A.B. DE C.V.                             | 1.0              |
| 30         | Mexico         | EUTELSAT AMERICAS   | 1.0              |
| 31         | Mexico         | ICONECTIV   | 1.0              |
| 32         | Mexico         | HUAWEI TECHNOLOGIES DE MEXICO, S.A. DE C.V.               | 1.0              |
| 33         | Paraguay       | COMPAÑIA PARAGUAYA DE COMUNICACIONES S.A. (COPACO S.A.)   | 1.0              |
| 34         | Peru           | TELEFONICA DEL PERU S.A.A.                                | 1.0              |



| No. | Country   | Company Name   | No. Units   |
|-----|-----------|--|-------------|
| 35  | Peru      | VIATTEL PERU S.A.C. (BITEL PERU)   | 1.0         |
| 36  | Uruguay   | LACTLD (LATIN AMERICAN & CARIBBEAN TOP LEVEL DOMAIN ASSOC.)                        | 1.0         |
| 37  | Uruguay   | REGISTRO REGIONAL DE DIRECCIONES DE INTERNET PARA AMERICA LATINA Y CARIBE (LACNIC) | 1.0         |
| 38  | Venezuela | COMPANIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA (CANTV)                           | 1.0         |
| 39  | Venezuela | TELEFONICA DE VENEZUELA C.A.   | 1.0         |
|     |           | <b>Total units:</b>  | <b>39.5</b> |

**LIST OF ASSOCIATE MEMBERS OF PCC.II: RADIOCOMMUNICATIONS  
(As of December 31, 2015)**

| No. | Country   | Company Name   | No. Units |
|-----|-----------|--|-----------|
| 1   | Argentina | EMPRESA ARGENTINA DE SOLUCIONES SATELITALES S.A. (AR-SAT S.A.)   | 1.0       |
| 2   | Argentina | TELEFONICA DE ARGENTINA  | 1.0       |
| 3   | Brazil    | ABRASAT – ASSOC. BRASILEIRA DAS EMPRESAS DE TELCOM. POR SATÉLITE   | 1.0       |
| 4   | Brazil    | AL YAH SATELLITE COMMUNICATIONS (YAHSAT)   | 1.0       |
| 5   | Brazil    | ASSOCIAÇÃO BRASILEIRA DE EMISSORAS DE RADIO E TELEVISÃO (ABERT)  | 1.0       |
| 6   | Brazil    | EMBRAER S.A. – EMPRESA BRASILEIRA DE AERONAUTICA S.A.  | 1.0       |
| 7   | Brazil    | EUTELSAT DO BRASIL LTDA.   | 1.0       |
| 8   | Brazil    | FORUM DO SISTEMA BRASILEIRO DE TV DIGITAL TERRESTRE (Fórum SBTVD)  | 1.0       |
| 9   | Brazil    | GSMA BRAZIL  | 1.0       |
| 10  | Brazil    | HISPAMAR SATELITES S.A.  | 1.0       |
| 11  | Brazil    | INTEL SEMICONDUCTORES DO BRASIL  | 1.0       |
| 12  | Brazil    | MICROSIFT MOBILE TECNOLOGIA LTDA.  | 1.0       |
| 13  | Brazil    | MOTOROLA DO BRASIL   | 1.0       |
| 14  | Brazil    | NEXTEL TELECOMUNICAÇÕES LTDA.  | 1.0       |
| 15  | Brazil    | NOKIA SOLUTIONS AND NETWORKS DO BRASIL TELECOMUNICAÇÕES LTD.   | 1.0       |
| 16  | Brazil    | Oi   | 1.0       |
| 17  | Brazil    | QUALCOMM SERVIÇOS DE TELECOMUNICAÇÕES LTDA.  | 1.0       |
| 18  | Brazil    | SAMSUNG ELECTRÔNICA DA AMAZÔNIA LTDA   | 1.0       |
| 19  | Brazil    | SCHMID TELECOM BRASIL LTDA.  | 1.0       |
| 20  | Brazil    | SINDITELEBRASIL - SINDICATO NACIONAL DAS EMPRESAS DE TELEFONIA S.A. E DE SERVIÇO MOVIL CELULAR E PERSOAL | 1.0       |
| 21  | Brazil    | STAR ONE S.A.  | 1.0       |

| No. | Country    | Company Name  | No. Units |
|-----|------------|---|-----------|
| 22  | Brazil     | TELESAT BRASIL CAPACIDADE DE SATELITES LTDA                               | 1.0       |
| 23  | Brazil     | TELEFÔNICA BRASIL   | 1.0       |
| 24  | Canada     | BLACKBERRY LIMITED  | 1.0       |
| 25  | Canada     | BOEING CANADÁ TECHNOLOGIES  | 1.0       |
| 26  | Canada     | LS TELCOM LTD.  | 1.0       |
| 27  | Canada     | MICROSOFT CANADA  | 1.0       |
| 28  | Canada     | NORTH AMERICAN BROADCASTERS ASSOCIATION (NABA)                            | 1.0       |
| 29  | Canada     | TELESAT CANADÁ  | 1.0       |
| 30  | Chile      | ENTEL PCS TELECOMUNICACIONES S.A.   | 1.0       |
| 31  | Costa Rica | INSTITUTO COSTARRICENSE DE ELECTRICIDAD (ICE)                             | 1.0       |
| 32  | Colombia   | ASOCIACION COLOMBIANA DE INGENIEROS (ACIEM)                               | 1.0       |
| 33  | Colombia   | GOOGLE COLOMBIA   | 1.0       |
| 34  | Colombia   | INTEL TECNOLOGIA DE COLOMBIA S.A.   | 1.0       |
| 35  | Colombia   | TES AMERICA ANDINA LTDA.  | 1.0       |
| 36  | USA        | 4G AMERICAS   | 1.0       |
| 37  | USA        | ALCATEL-LUCENT  | 1.0       |
| 38  | USA        | CISCO SYSTEMS INC.  | 1.0       |
| 39  | USA        | DIRECTV LATIN AMERICA, LLC  | 1.0       |
| 40  | USA        | EHOSTAR CORPORATION   | 1.0       |
| 41  | USA        | GSMA LATIN AMERICA  | 1.0       |
| 42  | USA        | INMARSAT GLOBAL, LTD.   | 1.0       |
| 43  | USA        | INTELSAT CORPORATION  | 1.0       |
| 44  | USA        | IRIDIUM SATELLITE LLC   | 1.0       |
| 45  | USA        | ITT EXELIS, INC.  | 1.0       |
| 46  | USA        | LOCKHEED-MARTIN CORP.   | 1.0       |
| 47  | USA        | MOTOROLA MOBILITY INC.  | 1.0       |
| 48  | USA        | MOTOROLA SOLUTIONS INC.   | 1.0       |
| 49  | USA        | SKY TERRA L.P.  | 1.0       |
| 50  | USA        | NEW SKIES SATELLITE INC.  | 1.0       |
| 51  | USA        | O3b NETWORKS USA LLC  | 1.0       |
| 52  | USA        | QUALCOMM, INC.  | 1.0       |
| 53  | USA        | ROBERT BOSCH LLC  | 1.0       |
| 54  | USA        | SES AMERICOM  | 1.0       |
| 55  | USA        | SITA - SOCIÉTÉ INTERNATIONALE DE<br>TÉLÉCOMMUNICATIONS AÉRONAUTIQUES S.C. | 1.0       |
| 56  | USA        | SPACE EXPLORATION TECHNOLOGIES CORP. (SpaceX)                             | 1.0       |
| 57  | USA        | TAIT COMMUNICATIONS   | 1.0       |
| 58  | USA        | THE BOEING COMPANY  | 1.0       |
| 59  | USA        | UTILITIES TELECOM COUNCIL (UTC)   | 1.0       |
| 60  | USA        | VERIZON COMMUNICATIONS  | 1.0       |
| 61  | USA        | ViaSat, INC.  | 1.0       |
| 62  | USA        | WORLDVU DEVELOPMENT, LLC  | 1.0       |
| 63  | Jamaica    | DIGICEL   | 1.0       |
| 64  | Mexico     | AMERICA MOVIL, S.A.B. DE C.V.   | 1.0       |

| No.                 | Country        | Company Name   | No. Units   |
|---------------------|----------------|--|-------------|
| 65                  | Mexico         | COMUNICACIONES NEXTEL DE MEXICO, S.A. DE C.V.            | 1.0         |
| 66                  | Mexico         | ERICSSON TELECOM, S.A. DE C.V.                           | 1.5         |
| 67                  | Mexico         | EUTELSAT AMERICAS  | 1.0         |
| 68                  | Mexico         | HUAWEI TECHNOLOGIES DE MEXICO, S.A. DE C.V.              | 1.0         |
| 69                  | Mexico         | MOTOROLA DE MEXICO S.A. DE C.V.                          | 1.0         |
| 70                  | Mexico         | QUALCOMM INTERNATIONAL, INC.                             | 1.0         |
| 71                  | Paraguay       | COMPAÑIA PARAGUAYA DE COMUNICACIONES S.A. (COPACO S.A.)  | 1.0         |
| 72                  | Peru           | TELEFONICA DEL PERU S.A.A.                               | 1.0         |
| 73                  | Peru           | VIATEL PERU S.A.C. (BITEL PERU)                          | 1.0         |
| 74                  | Dominican Rep. | ORANGE DOMINICANA  | 1.0         |
| 75                  | Uruguay        | ASOCIACION INTERNACIONAL DE RADIODIFUSION (AIR)          | 1.0         |
| 76                  | Venezuela      | COMPAÑIA ANONIMA NACIONAL TELEFONOS DE VENEZUELA (CANTV) | 1.0         |
| 77                  | Venezuela      | TELEFONICA DE VENEZUELA C.A.                             | 1.0         |
| <b>Total Units:</b> |                |  | <b>77.0</b> |

**ANNEX B**

**LIST OF MEETINGS HELD IN 2015**

| <b>Meeting</b>  | <b>Date</b>              | <b>Venue</b>        |
|---|--------------------------|---------------------|
| ITU Council Working Group on Child Online Protection  | 23 January 2015          | Geneva, Switzerland |
| ITU Council Working Group on Languages  | 26 January 2015          | Geneva, Switzerland |
| ITU Council Committee on the preparation of the 150th Anniversary Celebration                 | 27 January 2015          | Geneva, Switzerland |
| ITU Council Working Group on options for the Union's headquarters over the long term          | 28 January 2015          | Geneva, Switzerland |
| ITU Council Working Group on WSIS: implementation of outcomes                                 | 29 to 30 January 2015    | Geneva, Switzerland |
| ITU Council Working Group on international Internet-related Public Policy Issues              | 2 to 3 February 2015     | Geneva, Switzerland |
| ITU Council Working Group on Financial and Human Resources                                    | 4 to 6 February 2015     | Geneva, Switzerland |
| Seminar, "IMT towards 2020 and beyond"  | 25 February 2015         | Medellin, Colombia  |
| XXV Meeting of PCC.II   | 23 to 27 February 2015   | Medellin, Colombia  |
| XXX Meeting of COM/CITEL  | 16 to 17 March 2015      | Washington DC, USA  |
| Round Table between the Administration of CITEL on "Following activities of the CMSI+10 2015" | 18 March 2015            | Washington DC, USA  |
| Meeting of the Working Group on Preparation of the WRC  | 23 March to 2 April 2015 | Geneva, Switzerland |
| Second Session Preparatory Meeting for the World Radiocommunication Conference                | 23 March to 2 April 2015 | Geneva, Switzerland |
| Meeting of the Working Group to Prepare for the ITU Council Meetings                          | 12 to 22 May 2015        | Geneva, Switzerland |
| Council Session   | 12 to 22 May 2015        | Geneva, Switzerland |

| Meeting  | Date                           | Venue                             |
|--|--------------------------------|-----------------------------------|
| Joint Workshop with the International Telecommunication Union (ITU) On Emergency Telecommunications          | 25 May 2015                    | Cusco, Peru                       |
| XXVI Meeting of PCC.I  | 26 to 29 May 2015              | Cusco, Peru                       |
| Seminar, “Methodologies for measuring user satisfaction indicators in telecommunication services”            | 28 May 2015                    | Cusco, Peru                       |
| XXVI Meeting of PCC.II   | 17 to 21 August 2015           | Ottawa, Canada                    |
| Regional Forum on Standardization (RFS) for the Americas of the International Telecommunications Union (ITU) | 21 September 2015              | Washington DC, USA                |
| XXVII Meeting of PCC.I   | 22 to 25 September 2015        | Washington DC, USA                |
| Meeting of the Working Group to Prepare for WRC  | 26 October to 27 November 2015 | Geneva, Switzerland               |
| Assembly of Radiocommunications  | 26 to 30 October 2015          | Geneva, Switzerland               |
| World Radiocommunication Conference  | 2 to 27 November 2015          | Geneva, Switzerland               |
| 31th. Meeting of COM/CITEL   | 7 to 8 December 2015           | Santo Domingo, Dominican Republic |

 ITU Meetings

**ANNEX C**

**QUANTIFIABLE RESULTS OF CITEL FOR 2015**

**December 31, 2015**

| <b>Item</b>  | <b>Achieved/<br/>Planned</b> |
|--|------------------------------|
| Number of face-to-face meetings organized by CITEL in 2015                     | 6                            |
| Number of preparation virtual meetings organized by CITEL in 2015              | 17                           |
| Number of participants in meetings in 2015                                     | 719                          |
| Number of documents processed in meetings of CITEL in 2015                     | 2,006                        |
| Number of resolutions approved by the Committees                               | 35                           |
| Number of recommendations approved by the Committees                           | 5                            |
| Number of decisions approved by the Committees                                 | 29                           |
| Number of seminars, workshops, and virtual classes conducted by the Committees | 3                            |
| Number of on-line telecommunication courses offered in CITEL's program in 2015 | 4                            |
| Number of on-site telecommunication courses offered in CITEL's program in 2015 | 10                           |
| Number of scholarships utilized by CITEL in 2015                               | 97                           |
| Number of participants in virtual classes offered by CITEL in 2015             | 7                            |
| Number of associate members as of December 31, 2015                            | 116                          |
| Number of Regional Training Centers in 2015                                    | 22                           |

| <b>Item</b>  | <b>Achieved/<br/>Planned</b> |
|--|------------------------------|
| Number of cooperation agreements signed as of December 31, 2015 (The Agreements with the Regional Training Centers are not included) | 19                           |

## ANNEX D

### TITLES OF RESOLUTIONS, RECOMMENDATIONS, AND DECISIONS ADOPTED IN 2015

(Date: From January 1 to December 31, 2015)

#### D.1 PERMANENTE EXECUTIVE COMMITTEE OF CITEL (COM/CITEL)

##### RESOLUTIONS

|                             |  |
|-----------------------------|--|
| COM/CITEL RES. 264 (XXX-15) | DRAFT AGENDA, SITE AND DATE FOR THE XXXI MEETING OF COM/CITEL  |
| COM/CITEL RES. 265 (XXX-15) | CREATION OF AN AD-HOC GROUP TO DETERMINE A NEW METHODOLOGY TO SET THE VALUE OF THE CONTRIBUTORY UNITS PAID BY THE ASSOCIATE MEMBERS OF CITEL                               |
| COM/CITEL RES. 266 (XXX-15) | ADDITIONAL RESOURCES FOR THE CITEL STRATEGIC PLAN  |
| COM/CITEL RES. 267 (XXX-15) | DEVELOPMENT OF NEW PROCEDURES FOR INTER-AMERICAN PROPOSALS (IAPs) FOR THE ITU  |
| COM/CITEL RES. 268 (XXX-15) | SUPPORT FROM CITEL FOR THE IMPLEMENTATION OF THE OUTCOMES OF THE SEVENTH SUMMIT OF THE AMERICAS  |
| COM/CITEL RES. 269 (XXX-15) | SANTO DOMINGO COMMITMENT   |
| COM/CITEL RES. 270 (XXX-15) | REMOTE PARTICIPATION OF CARIBBEAN MEMBER STATES IN MEETINGS OF THE PERMANENT CONSULTATIVE COMMITTEES (PCC) OF CITEL  |
| COM/CITEL RES. 271 (XXX-15) | CITEL PROGRAM OF TELECOMMUNICATION COURSES FOR 2016  |
| COM/CITEL RES. 272 (XXX-15) | DESIGNATION OF THE PARAGUAY ADMINISTRATION AS GENERAL COORDINATOR FOR THE DEVELOPMENT OF HUMAN RESOURCES   |
| COM/CITEL RES. 273 (XXX-15) | EXTENSION OF THE MANDATE OF THE AD HOC GROUP TO DETERMINE A NEW METHODOLOGY TO SET THE VALUE OF THE CONTRIBUTORY UNIT PAID BY THE ASSOCIATE MEMBERS OF CITEL               |
| COM/CITEL RES. 274 (XXX-15) | ADOPTION OF THE OPERATIONS PLAN FOR 2016   |
| COM/CITEL RES. 275 (XXX-15) | WORK PLAN AND TIMETABLE FOR THE PREPARATION OF THE 2016 WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY (WTSA-16)   |
| COM/CITEL RES. 276 (XXX-15) | RULES FOR THE CALL TO THE ACADEMIC ESSAY CONTEST ON: HOW CAN TELECOMMUNICATIONS/ICT CONTRIBUTE TO MEETING THE SUSTAINABLE DEVELOPMENT GOALS IN THE REGION OF THE AMERICAS? |
| COM/CITEL RES. 277 (XXX-15) | THEMATIC PUBLICATION SERIES OF THE CITEL   |
| COM/CITEL RES. 278 (XXX-15) | RESOLUTIONS TO BE SENT TO THE OAS GENERAL ASSEMBLY GA/RES. XXXX (XLVI-O/16) PRIORITY ROLE  |



|                             |  |
|-----------------------------|--|
|                             | OF THE OAS IN THE DEVELOPMENT OF TELECOMMUNICATIONS/ INFORMATION AND COMMUNICATION TECHNOLOGIES THROUGH THE INTER-AMERICAN TELECOMMUNICATION COMMISSION (CITEL)        |
| COM/CITEL RES. 279 (XXX-15) | TO INSTRUCT THE CITEL SECRETARIAT TO CORRECT THE EDITING ERROR IN ART. 90, PARAGRAPH 3 OF THE CITEL REGULATION, ENGLISH VERSION  |
| COM/CITEL RES. 280 (XXX-15) | DESIGNATION OF THE DOMINICAN ADMINISTRATION TO CHAIR THE WORKING GROUP FOR THE PREPARATION OF THE CITEL 2014-2018 STRATEGIC PLAN, AND OF THE ADMINISTRATIONS OF MEXICO |
| COM/CITEL RES. 281 (XXX-15) | DRAFT AGENDA, SITE AND DATE FOR THE XXXII MEETING OF COM/CITEL   |

## RECOMMENDATIONS

No Recommendations of this Committee were approved in this period (2015).

## DECISIONS

|                            |   |
|----------------------------|---|
| COM/CITEL DEC. 87 (XXX-15) | CONGRATULATORY MESSAGE FROM CITEL TO THE ITU ON ITS 150TH ANNIVERSARY                           |
| COM/CITEL DEC. 88 (XXX-15) | REPRESENTATIVE OF THE REGION ON THE PANEL TO SELECT THE MEMBERS OF THE ITU IMAC                 |
| COM/CITEL DEC. 89 (XXX-15) | DISSEMINATION OF THE REPORT OF THE WORKING GROUP TO PREPARE FOR THE MEETINGS OF THE ITU COUNCIL |
| COM/CITEL DEC. 90 (XXX-15) | CONTACT POINT FOR ACADEMIA-RELATED INITIATIVES  |
| COM/CITEL DEC. 91 (XXX-15) | DESIGNATING AND NUMBERING OF WORK FILES AND TITLES OF MEETINGS OF CITEL                         |

## D.2 PERMANENT CONSULTATIVE COMMITTEE I: TELECOMMUNICATIONS/ INFORMATION AND COMMUNICATION TECHNOLOGIES (PCC.I)

### RESOLUTION

|                          |   |
|--------------------------|---|
| PCC.I/RES. 235 (XXVI-15) | STUDY ON THE CHARACTERISTICS AND CONDITIONS FOR THE PROVISION OF INTERNATIONAL ROAMING                                      |
| PCC.I/RES. 236 (XXVI-15) | TECHNICAL NOTEBOOK "POLICIES FOR PROMOTING THE DEPLOYMENT AND CONSTRUCTION OF TELECOMMUNICATION INFRASTRUCTURE"             |
| PCC.I/RES. 237 (XXVI-15) | TECHNICAL NOTEBOOK ON "COLLECTING CASES OF ANTI-COMPETITIVE PRACTICES AND UNFAIR COMPETITION IN TELECOMMUNICATION SERVICES" |
| PCC.I/RES. 238 (XXVI-15) | TECHNICAL NOTEBOOK "APPLICATIONS AND CONTENT  |

|                            |  |
|----------------------------|--|
|                            | FOR SOCIAL INCLUSION AND EQUITY”   |
| PCC.I/RES. 239 (XXVI-15)   | TECHNICAL NOTEBOOK: “SUSTAINABILITY OF UNIVERSAL ACCESS PROJECTS”  |
| PCC.I/RES. 240 (XXVI-15)   | ACTION PLAN TO ACHIEVE YOUTH EMPOWERMENT THROUGH TELECOMMUNICATIONS/ICT  |
| PCC.I/RES. 241 (XXVI-15)   | TECHNICAL NOTEBOOK ON “BROADBAND FOR SOCIAL INCLUSION AND THE ROLE OF NATIONAL BACKBONE NETWORKS”  |
| PCC.I/RES. 242 (XXVI-15)   | REGIONAL MEASURES TO COMBAT IMPORTATION, MARKETING AND USE OF UNAUTHORIZED RECEIVER DEVICES FOR SATELLITE TELEVISION SIGNALS   |
| PCC.I/RES. 243 (XXVI-15)   | COLLABORATION REQUEST BETWEEN CITEL AND THE INTER-AMERICAN COMMISSION OF WOMEN TO ADDRESS ISSUES RELATED TO THE BENEFIT OF THE USE OF ICT’S AS TOOLS FOR THE EMPOWERMENT OF WOMEN, PARTICULARLY TO PREVENT AND ERRADICATE VIOLENCE AGAINST WOMEN |
| PCC.I/RES. 244 (XXVI-15)   | STANDARDS COORDINATION DOCUMENT (SCD) FOR ITU-T RECOMMENDATION G.9701: “FAST ACCESS TO SUBSCRIBER TERMINALS (FAST) – PHYSICAL LAYER SPECIFICATION”   |
| PCC.I/RES. 245 (XXVI-15)   | TECHNICAL NOTEBOOK: “IPv6 TRANSITION STRATEGY GUIDELINES AND BEST PRACTICES”   |
| PCC.I/RES. 246 (XXVI-15)   | REGIONAL STANDARDIZATION FORUM (RSF) FOR THE AMERICAS OF THE INTERNATIONAL TELECOMMUNICATION UNION (ITU)   |
| PCC.I/RES. 247 (XXVI-15)   | AGENDA, SITE AND DATE OF THE XXVII MEETING OF PCC.I  |
| PCC.I/RES. 248 (XXVII-15)  | HOST OF THE 2017 WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE (WTDC-17) OF THE INTERNATIONAL TELECOMMUNICATION UNION (ITU)   |
| PCC.I/RES. 249 (XXVII-15)  | TECHNICAL NOTEBOOK “REGIONAL MEASURES TO COMBAT THE SPREAD OF COUNTERFEIT, SUBSTANDARD AND UNAPPROVED MOBILE DEVICES”  |
| PCC.I/ RES. 250 (XXVII-15) | TECHNICAL NOTEBOOK “POLICIES ADOPTED ON THE OPERATION OF MOBILE VIRTUAL NETWORK OPERATORS (MVNOs)”   |
| PCC.I/RES. 251 (XXVII-15)  | SEMINAR ON THE INTERNET OF THINGS (IoT) AND MACHINE-TO-MACHINE (M2M) COMMUNICATIONS  |
| PCC.I/RES. 252 (XXVII-15)  | STANDARDS COORDINATION DOCUMENT (SCD) FOR ITU-T RECOMMENDATION H.265: “HIGH EFFICIENCY VIDEO CODING”   |
| PCC.I/RES. 253 (XXVII-15)  | JOINT ITU-CITEL STRATEGY AGAINST MOBILE DEVICE THEFT   |
| PCC.I/RES. 254 (XXVII-15)  | SEMINAR: SECURITY MEASURES IMPLEMENTED IN CONTRACTS FOR MOBILE SERVICES  |
| PCC.I/RES. 255 (XXVII-15)  | SEMINAR ON RECOMMENDATIONS OF REGULATORY BEST PRACTICES TO COMBAT IMPORTATION, MARKETING, AND/OR USE OF UNAUTHORIZED RECEIVER DEVICES FOR SATELLITE TELEVISION SIGNALS   |
| PCC.I/RES. 256 (XXVII-15)  | EMERGENCY COMMUNICATIONS – ONGOING ACTIVITIES  |

|                           |   |
|---------------------------|---|
| PCC.I/RES. 257 (XXVII-15) | AND POTENTIAL NEXT STEPS FOR REGIONAL ACTION - FOR CONSIDERATION OF THE PCC.I RAPPORTEURSHIP ON DISASTER PREVENTION, RESPONSE AND MITIGATION ACTION PLAN FOR THE EMPOWERMENT OF YOUTH THROUGH TELECOMMUNICATIONS / ICTS |
| PCC.I/RES. 258 (XXVII-15) | 2016-2018 ROADMAP FOR THE DEVELOPMENT OF PROJECTS, HUMAN AND FINANCIAL RESOURCES TO PROMOTE WOMEN'S ACCESS, USE AND LEADERSHIP IN ICT DEVELOPMENT   |
| PCC.I/RES. 259 (XXVII-15) | CALL FOR AWARDS AND AWARD RULES "ICTs TO PREVENT AND ERADICATE VIOLENCE AGAINST WOMEN"  |
| PCC.I/RES. 260 (XXVII-15) | CITEL-ITU COOPERATION FOR THE HOLDING OF INTERNATIONAL FORUMS ON SOCIAL INCLUSION OF PERSONS WITH DISABILITIES THROUGH ACCESS TO TELECOMMUNICATIONS   |
| PCC.I/RES. 261 (XXVII-15) | AGENDA, SITE AND DATE OF THE XXVIII MEETING OF PCC.I  |

## **RECOMMENDATIONS**

|                            |   |
|----------------------------|---|
| PCC.I / REC. 23 (XXVI-15)  | CREATION OF NATIONAL COMPUTER INCIDENT RESPONSE TEAMS |
| PCC.I / REC. 24 (XXVII-15) | PRINCIPLE OF TECHNOLOGICAL NEUTRALITY                 |
| PCC.I / REC. 25 (XXVII-15) | LEGAL FRAMEWORK FOR PASSIVE INFRASTRUCTURE VENDORS    |

## **DECISIONS**

|                          |   |
|--------------------------|---|
| PCC.I/DEC. 218 (XXVI-15) | TABLE OF CONTENTS OF THE TECHNICAL NOTEBOOK ON "RIGHTS OF TELECOMMUNICATION SERVICE USERS   |
| PCC.I/DEC. 219 (XXVI-15) | PROGRAM FOR THE DEVELOPMENT OF TECHNICAL VISITS ON TOPICS RELATED TO PROTECTING THE RIGHTS OF USERS                                   |
| PCC.I/DEC. 220 (XXVI-15) | SURVEY ON REGULATION AND METHODOLOGIES FOR THE CALCULATION OF CALL TERMINATION CHARGES IN FIXED AND MOBILE NETWORKS                   |
| PCC.I/DEC. 221 (XXVI-15) | EQUIPMENT AND TOOLS FOR TECHNICAL QUALITY CONTROL   |
| PCC.I/DEC. 222 (XXVI-15) | TO STUDY AND ASSESS A NEW PREVENTATIVE MONITORING MODEL TO VERIFY LAND MOBILE SERVICE QUALITY FOR ADOPTION BY OAS/CITEL MEMBER STATES |
| PCC.I/DEC. 223 (XXVI-15) | MECHANISM TO NOTIFY MEMBER STATES ABOUT NEWS OF CONNECTION TO THE GSMA INTERNATIONAL MOBILE EQUIPMENT IDENTITY DATABASE               |
| PCC.I/DEC. 224 (XXVI-15) | SURVEY ON THE IMPLEMENTATION STATUS OF REGULATIONS RELATED TO IP INTERCONNECTION  |

|                           |   |
|---------------------------|---|
| PCC.I/DEC. 225 (XXVI-15)  | DRAFT REPORT OF THE GLOBAL STANDARDS COLLABORATION (GSC) TASK FORCE ON EMERGENCY COMMUNICATIONS   |
| PCC.I/DEC. 226 (XXVI-15)  | DISSEMINATION OF THE RESULTS OF THE WORKSHOP ON EMERGENCY COMMUNICATIONS: FROM PREPARATIONS TO REGIONAL ACTION  |
| PCC.I/DEC. 227 (XXVI-15)  | REQUEST TO THE ITU REGIONAL OFFICE ON THE OUTCOMES OF INITIATIVES IN OTHER REGIONS  |
| PCC.I/DEC. 228 (XXVI-15)  | REGIONAL INITIATIVE: CAPACITY BUILDING  |
| PCC.I/DEC. 229 (XXVI-15)  | REPORT SUBMITTED BY THE ITU ON THE REGULATORY FRAMEWORK AND RESEARCH ON THE BEHAVIOR OF CONSUMERS OF TELECOMMUNICATIONS SERVICES IN LATIN AMERICA   |
| PCC.I/DEC. 230 (XXVI-15)  | LEGISLATION AND REGULATIONS ON PERSONAL DATA PROTECTION   |
| PCC.I/DEC. 231 (XXVI-15)  | CURRENT STATUS OF THE REGULATORY FRAMEWORK FOR PRECISION AGRICULTURE  |
| PCC.I/DEC. 232 (XXVI-15)  | CURRENT STATUS OF THE REGULATORY FRAMEWORK ON MACHINE-TO-MACHINE COMMUNICATIONS   |
| PCC.I/DEC. 233 (XXVI-15)  | CONDOLENCES TO THE FAMILY OF ENG. MARIO PACHAJOA BURBANO, FIRST EXECUTIVE SECRETARY OF CITEL  |
| PCC.I/DEC. 234 (XXVII-15) | CLASSIFICATION OF FRAUD AND REGULATORY NON-COMPLIANCE PRACTICES AS REGARDS ICTs   |
| PCC.I/DEC. 235 (XXVII-15) | QUESTIONNAIRE ON THE ECONOMIC IMPACTS of IPv4-IPv6 TRANSITION   |
| PCC.I/DEC. 236 (XXVII-15) | WHITE PAPER: TELECOMMUNICATIONS AND ICTs TO ADVANCE THE FUNDAMENTAL PILLARS OF THE ORGANIZATION OF AMERICAN STATES: DEMOCRACY, HUMAN RIGHTS, MULTIDIMENSIONAL SECURITY AND INTEGRAL DEVELOPMENT |
| PCC.I/DEC. 237 (XXVII-15) | LEGISLATION AND REGULATIONS ON PERSONAL DATA PROTECTION   |
| PCC.I/DEC. 238 (XXVII-15) | "BENCHMARKING ON PROCEDURES TO HANDLE USER CLAIMS WITH RESPECT TO TELECOMMUNICATIONS SERVICES" STUDY  |
| PCC.I/DEC. 239 (XXVII)    | CHANGES TO THE TABLE OF CONTENTS OF THE TECHNICAL NOTEBOOK<br>"POLICIES FOR PROMOTING THE DEPLOYMENT AND CONSTRUCTION OF TELECOMMUNICATION INFRASTRUCTURE"                                      |
| PCC.I/DEC. 240 (XXVII-15) | BASE TEXT TO DRAFT RECOMMENDATION ITU-T Q.FW_CCF "FRAMEWORK FOR SOLUTION TO COMBAT COUNTERFEIT ICT DEVICES"   |
| PCC.I/DEC. 241 (XXVII-15) | REGIONAL ASSESSMENT: ICT ACCESSIBILITY  |
| PCC.I/DEC. 242 (XXVII-15) | CHANGES TO THE TABLE OF CONTENTS OF THE TECHNICAL NOTEBOOK "BROADBAND FOR SOCIAL INCLUSION AND THE ROLE OF NATIONAL BACKBONE NETWORKS"  |

PCC.I/DEC. 243 (XXVII-15) EXPRESSION OF INTEREST TO HOST THE REGIONAL PREPARATORY MEETING (RPM-AMERICAS) FOR THE 2017 WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE (WTDC-17)

#### **D.4 PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS (PCC.II)**

##### **RESOLUTIONS**

PCC.II/RES. 104 (XXV-15) INTER-AMERICAN PROPOSALS FOR WRC-2015  
PCC.II/RES. 105 (XXVI-15) INTER-AMERICAN PROPOSALS FOR WORLD RADIOCOMMUNICATION CONFERENCES  
PCC.II/RES. 106 (XXVI-15) SELECTION OF CITEL SPOKESPERSONS, AND THEIR ROLES AND RESPONSIBILITIES DURING WORLD RADIOCOMMUNICATION CONFERENCES  
PCC.II/RES. 107 (XXVI-15) WORKSHOP TO ADDRESS THE TRANSITION TO DIGITAL TELEVISION AND THE FUTURE OF BROADCASTING  
PCC.II/RES. 108 (XXVI-15) INTER-AMERICAN PROPOSALS FOR WRC-2015  
PCC.II/RES. 109 (XXVI-15) JOINT ITU-CITEL WORKSHOP “RESULTS OF WRC-15 AND ITS IMPACT ON THE AMERICAS REGION”  
PCC.II/RES. 110 (XXVI-15) AGENDA, VENUE AND DATE FOR THE XXVII PCC.II MEETING

##### **RECOMMENDATIONS**

PCC.II/REC. 45 (XXV-15) PROVISIONS TO PREVENT THE ILLEGAL USE OF RECEIVER DEVICES FOR SUBSCRIPTION SATELLITE TELEVISION  
PCC.II/REC. 46 (XXV-15) GUIDELINES TO ESTABLISH AGREEMENTS FOR SPECTRUM USE IN COORDINATION AREAS  
PCC.II/REC. 47 (XXV-15) TECHNICAL RECOMMENDATIONS FOR COMPATIBILITY OF DIGITAL TERRESTRIAL TELEVISION (DTT) BROADCASTING SERVICE IN THE UHF BAND BELOW 698 MHz WITH LAND MOBILE SERVICE IN THE 698 MHz-806 MHz BAND  
PCC.II/REC. 48 (XXV-15) REGISTRATION OF EARTH SYSTEMS OF THE FIXED-SATELLITE SERVICE

##### **DECISIONS**

PCC.II/DEC. 173 (XXV-15) REQUEST FOR INFORMATION ABOUT THE CURRENT AND PLANNED USE OF THE BANDS 1 980-2 025 MHz AND 2 160-2 200 MHz BY THE OAS/CITEL ADMINISTRATIONS FOR TERRESTRIAL AND SATELLITE SERVICES  
PCC.II/DEC. 174 (XXV-15) CITEL – ITU VIRTUAL TRAINING AND DISCUSSION SESSION ON RJ81 SOFTWARE  
PCC.II/DEC. 175 (XXV-15) VIRTUAL SESSION TO DISSEMINATE INFORMATION

|                           |   |
|---------------------------|---|
|                           | ABOUT IMT   |
| PCC.II/DEC. 176 (XXV-15)  | WRC-15 ELECTRONIC WORKING METHODS   |
| PCC.II/DEC. 177 (XXV-15)  | VIRTUAL SESSIONS TO DISSEMINATE INFORMATION ABOUT PREPARATIONS FOR WRC-15   |
| PCC.II/DEC. 178 (XXV-15)  | EDITION OF DOCUMENTS FOR WRC-15   |
| PCC.II/DEC. 179 (XXV-15)  | CITEL INPUT TO THE INFORMAL GROUP ON WRC-15 STRUCTURE   |
| PCC.II/DEC. 180 (XXVI-15) | APPROVAL OF THE DRAFT REVISION OF RECOMMENDATION ITU-R M.1036-4 "FREQUENCY ARRANGEMENTS FOR IMPLEMENTATION OF THE TERRESTRIAL COMPONENT OF INTERNATIONAL MOBILE TELECOMMUNICATIONS (IMT) IN THE BANDS IDENTIFIED FOR IMT IN THE RADIO REGULATIONS (RR)" |
| PCC.II/DEC. 181 (XXVI-15) | ADDITION OF THE SUBJECT TO STUDY SPECTRUM NEEDS FOR THE CONTINUAL MONITORING, CONTROL AND PROTECTION OF THE CRITICAL INFRASTRUCTURE USED BY THE UTILITIES TO THE AGENDA OF THE TERRESTRIAL FIXED AND MOBILE RADIOCOMMUNICATION SERVICES WORKING GROUP   |
| PCC.II/DEC. 182 (XXVI-15) | CITEL – ITU VIRTUAL TRAINING AND DISCUSSION SESSION ON ELECTRONIC NOTIFICATIONS TO ITU  |