



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

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

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**XV MEETING OF PERMANENT CONSULTATIVE  
COMMITTEE I: TELECOMMUNICATIONS  
September 29 to October 2, 2009  
San Carlos de Bariloche, Argentina**

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**FINAL REPORT**

**(Item on the Agenda: 5)**

**(Document submitted by the Drafting Group)**

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## FINAL REPORT

### XV MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE I (PCC.I)

The XV Meeting of the Permanent Consultative Committee I: Telecommunications was held in Bariloche, Argentina, September 29 to October 2, 2009.

#### I. AGENDA<sup>1</sup>

1. Approval of the agenda and schedule of activities.
2. Establishment of the Drafting Group for the final report.
3. Report and meeting of the Working Groups:
  - 3.1 Working Group on Technology (WGT)
  - 3.2 Working Group on Policy and Regulatory Considerations (WGPRC)
  - 3.3 Working Group on Network Operation and Service Provisioning (WGNOSP)
  - 3.4 Working Group on Development (WGD)
  - 3.5 Rapporteur Group to address matters of common interest for CITELE and UPAEP
  - 3.6 Rapporteur Group for International Roaming Services in the Americas Region
4. Agenda, venue and date for the XVI Meeting of PCC.I.
5. Approval of the Final Report.
6. Other Business.

#### II. AUTHORITIES OF THE MEETING

**Alternate Chair:** Mr. Héctor Carril (Argentina)

**Executive Secretary:** Mr. Clovis Baptista (OAS)

##### **Drafting Group:**

**Chair:** Ms. Florencia Forciniti (Argentina)

**Members:** Mr. Oscar Avellaneda (Canada)

Mr. Jonathan Siverling (United States of America)

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<sup>1</sup> CCP.I-TEL/doc. 1718/08 rev.2

### **III. RESOLUTIONS**

#### **PCC.I/RES. 157 (XV-09)<sup>2</sup>**

#### **ENDORSEMENT OF THE JOINT OAS HEMISPHERIC WORKSHOP ON DEVELOPING A FRAMEWORK FOR CYBER SECURITY**

The XV Meeting of Permanent Consultative Committee I: Telecommunications,

#### **CONSIDERING:**

- a) That CITEI PCC.I has recognized the central role of telecommunications in cybersecurity, and has created its own work program to focus and coordinate technical standardization and highlight regulatory issues associated with developing a culture of cybersecurity in the region;
- b) That ensuring the security of information systems is a priority matter for the hemisphere, as information networks play an important part in the critical infrastructure of countries, their economies, and societies;
- c) That CITEI is working, with the Inter-American Committee against Terrorism (CICTE) and the Justice Ministers and Attorneys General of the Americas (REMJA) of the Organization of American States (OAS), in a coordinated manner to advance the hemispheres objectives related to these important matters,

#### **RECOGNIZING:**

- a) That CITEI supports an active multi-disciplinary approach to cybersecurity that pools its efforts with the efforts and expertise of CICTE and REMJA;
- b) That the Comprehensive Inter-American Strategy to combat threats to cybersecurity relies on the efforts and specialized knowledge of CITEI, CICTE, and REMJA;
- c) That a joint OAS hemispheric workshop will advance greater understanding of the critical issues related to cybersecurity for state and national governments and will provide a forum for information sharing, human capacity development, and continued collaboration among participants,

#### **RESOLVES:**

1. That PCC.I endorses the upcoming the Joint OAS Hemispheric Workshop on developing a framework for cybersecurity to be held November 18-18, 2009, in Rio de Janeiro, Brazil.
2. To thank the workshop coordinators in advance for organizing this important workshop.
3. To encourage PCC.I members to participate in this workshop.

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<sup>2</sup> CCP.I-TEL/doc. 1879/08

## **INSTRUCTS THE CITEL EXECUTIVE SECRETARY:**

To send this Resolution to all members in order to provide information to delegations about this important workshop and to encourage participation by CITEL Member States and Associate Members.

### **ANNEX TO RESOLUTION PCC.I/RES. 157 (XIV-09)**

## **DRAFT CALENDAR OF THE JOINT OAS HEMISPHERIC WORKSHOP ON DEVELOPING A FRAMEWORK FOR CYBER SECURITY**

**November 16 – 18, 2009**

**Rio de Janeiro, Brazil**

### ***Organized by:***

Inter-American Telecommunication Commission (CITEL), Inter-American Committee against Terrorism (CICTE), Group of Government Experts on Cyber-Crime of the Meeting of Ministers of Justice or of Ministers or Attorneys General of the Americas (REMJA), and the Government of Brazil

### **Monday – November 16, 2009**

9:00 **Opening Ceremony**

(Representatives of the Government of Brazil, CITEL, CICTE, REMJA)

9:30 **Panel 1 – What is Cybersecurity ? What is Critical Infrastructure Protection (CIP)?**

11:00 Coffee break

11:30 **Panel 2 – What are the threats and vulnerabilities?**

- What are the possible consequences in the case an identified threat becomes reality?
- Which actors have a role to play?
- Which measures need to be taken to reduce the identified vulnerabilities, if any?
- What is an acceptable level of risk? - Who determines what an acceptable level of risk is? Can risk be managed?
- What are the interventions (controls/countermeasures) available to manage risk? What combination of interventions makes sense in terms of economic, social, political, and legal considerations?

13:00 Lunch

14:00 **Panel 3 – Implications for the State and National Government**

- What is critical in the countries?
- Would a common framework be effective in strengthening CIP? Would a common framework be helpful in clarifying the responsibilities of the stakeholders concerned? To what extent should such a common framework be obligatory and to what extent voluntary?
- What methods and models may be used to analyze and evaluate risk?

15:30 Coffee break

- 16:00 Breakout discussions – Round 1  
Participants discuss cyber security in the Americas, including challenges, threats, government responses and other best practices
- 17:00 Presentation of round 1 breakout discussion highlights  
One representative of each breakout group presents
- 18:00 Close

## **Tuesday - November 17, 2009**

- 9:00 **Panel 4 – Legal, regulatory and policy issues**
- What are the legal, regulatory and policy issues, including privacy and information sharing, associated with using cybersecurity technologies for critical infrastructure protection?
  - If a legislative framework is required for a CIP strategy, what elements should it contain?
  - What are the potential areas for regional and or international legal coordination efforts?
- 10:30 Coffee break
- 11:00 **Panel 5 – Technical and management implementation issues for Resiliency of Information and Communication Networks**
- What technologies are currently deployed or currently available but not yet widely deployed?
  - What technologies are currently being researched for critical infrastructure protection and particularly for cybersecurity?
  - How is the application of new technologies changing interoperability needs among agency-specific and/or multi-agency networks?
- 12:30 Lunch
- 13:30 **Panel 6 – Information-sharing and stakeholder coordination**
- How should the dialogue with the governments, operators, academy and users of Critical Infrastructures be structured?
  - How to identify the relevant data?
  - How to trace it?
  - How to store it?
  - What are the judicial rules of evidence?
  - What are the roles and responsibilities of the agencies, organizations and communities to engage in a process for managing risk?
  - How to define sound organizational structures and develop Incident Management Capabilities?
  - How should the dialogue with the governments, operators, academy and users of CIP be structured?
- 15:00 Coffee break
- 15:30 Keynote Address (OPTIONAL - Topic to be defined)
- 16:00 Breakout discussions – Round 2

Participants discuss experiences, challenges and best practices regarding topics of panels 4, 5 and 6.

17:00 Presentation of round 2 breakout discussion highlights  
One representative of each breakout group presents

18:00 Close

### **Wednesday – November 18, 2009**

9:00 **Panel 7 – Developing a National Framework for cyber security**

- What are the requirements for implementing a comprehensive strategy? What should be the scope of the common framework?
- Which scenarios are relevant to national governments, societies, and economies of the Americas?

10:30 Coffee break

11:00 **Panel 8 – Enforcement and implementation**

- What is the economic value of security?
- What can security yield for the organization that implements it?
- In view of the daily reality of security-related problems for most infrastructures, the proliferation of proposed solutions, and a flourishing security market, are the proposed security solutions adapted to requirements?
- What are the actions to foster regional and international cooperation?

12:30 Lunch

13:30 Breakout discussions – Round 3  
National delegations identify elements of and action plan for developing a national framework

15:00 Coffee break

15:30 Presentation of round 3 breakout discussion highlights

16:30 Closing ceremony

17:00 Close

**PCC.I/RES. 158 (XV-09)** <sup>3</sup>

**FLAGSHIP GROUP**

The XV Meeting of the Permanent Consultative Committee I: Telecommunications,

**CONSIDERING:**

- a) That the Inter-American Proposal (IAP) 36 of CITELE “Flagship group host in Mexico” was approved at the World Telecommunication Standardization Assembly 2008;
- b) That WTSA Resolution 44 “Bridging the standardization gap between developing and developed countries” (Johannesburg, 2008) includes in its annex the program 4: Flagship groups for bridging the standardization gap, in order that developed country experts participating in the work of a specific study group voluntarily join a number of developing country representatives in a small group, in order to support these representatives in their standardization activities;
- c) That paragraph 44 of Geneva Declaration of Principles mentions that “Standardization is one of the essential building blocks of the Information Society.”,

**RECOGNIZING:**

The importance of increased participation of the developing countries in the work of the Study Groups of the ITU in human resource building among the CITELE members, mainly in items of public interest like consumer protection, environmental protection and understanding of new technologies,

**TAKING INTO ACCOUNT:**

That the Office of Telecommunication Standardization (TSB) sent a letter to the CITELE Secretariat and the Mexican administration requesting the creation of the flagship group as soon as possible,

**RESOLVES:**

1. To adopt the terms of reference for the Flagship Group for the Americas Region included in the Annex of this Resolution.
2. To request the CITELE Secretariat to remit this Resolution to the TSB Director as the CITELE proposal for the terms of reference of the Flagship Group for the Americas Region.

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<sup>3</sup> CCP.I-TEL/doc. 1882/09 cor.1

## ANNEX TO RESOLUTION PCC.I/RES. 158 (XV-09)

### Terms of Reference Flagship Group for the Americas Region

- Fostering links between the public, private, academic, and research sectors to draft international standards.
- Coordinating with the TSB and the ITU's Center of Excellence for the Americas on programs of standardization specialization and updating for the purpose of human resource training.
- Establishing indicators to measure progress in bridging the standardization gap.
- Encouraging participation by developing countries in the activities of the ITU-T Study Groups and Regional Groups.
- Promoting the development of new testing and calibration infrastructure in the region's countries, for the purpose of implementing in practice the "learning by doing" program in close collaboration with the Inter-American Institute of Metrology.
- Establishing appropriate review mechanisms for the Group before publication.

### PCC.I/RES. 159 (XV-09) <sup>4</sup>

#### DOMAIN NAME DATABASE

The XV Meeting of Permanent Consultative Committee I: Telecommunications,

#### CONSIDERING:

- a) That over the past six years reports and various presentations have been made on domain names in the region in order to keep CITELE members informed;
- b) That due to the permanent mobility of reference data, these reports must be changed at virtually every PCC.I meeting;
- c) That these changes do not provide continuity to the reading of the baseline reports, which renders historical and/or statistical search a complex task,

#### RECOGNIZING:

- a) The importance of having up-to-date data and a tool with state-of-the-art technology for looking for information;
- b) That this project makes it possible to gain access simply and rapidly to information for its use 24 hours a day every day of the year and that, in PCC.I, and CITELE as a whole, this would be permanently useful for its members;
- c) The importance of having PCC.I members participate and cooperate in the establishment of this database,

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<sup>4</sup> CCP.I-TELE/doc. 1776/09

**BEARING IN MIND:**

That implementation of this project shall not require any costs for by CITELE and shall be providing members of CITELE and PCC.I in particular with access to information that is being updated permanently,

**RESOLVES:**

1. To approve the creation of a domain name database for the purpose of providing CITELE members with up-to-date information on an ongoing basis in this matter.
2. This database would be created and coordinated in the Rapporteur Group on issues relative to Internet Resources, using for the activities to be implemented by the discussion group on the already existing Electronic Forum called "DOMINAME", where contributions and reports on the work achieved and to be carried out shall be received.

**PCC.I/RES. 160 (XV-09) <sup>5</sup>**

**WORK ON MATTERS REGARDING INTERNET INFRASTRUCTURE AND REGIONAL INTERCONNECTION**

The XV Meeting of Permanent Consultative Committee I: Telecommunications,

**RECOGNIZING:**

- a) That over the last few years regional infrastructure enhancement and interconnection conditions have been high on the agenda of various international forums, including the World Summit on the Information Society (WSIS).
  - b) That both the WSIS agreements and the Strategy for the Information Society in Latin America and the Caribbean (eLAC 2010) regional action plan promote the creation of traffic exchange points as well as the development of local content in order to keep local traffic within the region;
  - ci) That it is important to advance the necessary measures to promote better regional interconnection conditions having a positive impact on communication costs within the region;
1. That the XIII meeting of PCC.I resolved to organize, together with the Latin American and Caribbean Internet Addresses Registry (LACNIC), a Seminar on Regional Infrastructure and Interconnection;
- e) That such Seminar has been held on September 28, 2009, in San Carlos de Bariloche, prior to the PCC.I XV Meeting,

**RECOGNIZING FURTHER:**

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<sup>5</sup> CCP.I-TEL/doc. 1861/09 rev. 2

- a) That the Latin American forum called Network Access Points Latin America (NAPLA) – Regional Interconnection Forum, organized since 2006 by LACNIC, which brings together carriers, ISPs, NAPs and content providers, has held highly productive discussions since its creation in 2001;
- b) That the work done within NAPLA – Regional Interconnection Forum has significantly contributed to developing a better understanding of the evolution of the Internet and the complexity of existing architectures;
- a) That it is important to have a better insight into these problems as well as into the components that impact content access conditions, especially from developing countries, in order to identify areas of opportunity for action to improve such conditions;
- d) That this activity is of interest to several groups within PCC.I, particularly the Rapporteur Group on Issues regarding Internet Resources and the Rapporteur Group on Network Infrastructure;
- e) That interaction among all relevant stakeholders is essential to enrich the discussions being held by Administrations on issues related to the subject-matter at issue,

#### **OBSERVING:**

That the subject-matter addressed at the Seminar on Regional Infrastructure and Interconnection is perfectly in line with the mandate of CITEL's PCC.I,

#### **CONSIDERING:**

- a) That the Seminar has proven to be highly valuable for providing relevant inputs for discussion;
- b) That from the outcomes of the Seminar it can be inferred that there are several areas for action that offer opportunities for Administrations to work towards improving access conditions,

#### **RESOLVES:**

1. To include, in PCC.I's future work plans, the following aspects, among others, resulting from the outcomes of the Seminar on Infrastructure and Regional Interconnection:
  - Promotion of local and/or sub-regional Internet Exchange Point (IXP),
  - Promotion of local content development,
  - Creation of incentives to increase the presence of content delivery networks in the region;
  - Backhaul cost reduction.
2. To thank the Seminar coordinators, Mr. Oscar Avellaneda, Mr. Oscar Messano and Mr. Raúl Echeverría, for doing an excellent job at organizing the seminar.
3. To request PCC.I members to make contributions on the aspects indicated in *resolves* 1.
4. To promote the holding of further training sessions covering the topics raised at the previously mentioned Seminar and, in particular, addressing the aspects indicated in *resolves* 1.

**INSTRUCTS THE CITEL EXECUTIVE SECRETARY:**

To send this Resolution to all members emphasizing the request made in *resolves* 3 and support the holding of training sessions as indicated in *resolves* 4.

**PCC.I/RES. 161 (XV-09)<sup>6</sup>**

**AGENDA, VENUE AND DATE FOR THE XVI MEETING OF PCC.I**

The XV Meeting of the Permanent Consultative Committee I: Telecommunications,

**RESOLVES:**

1. To hold the XVI Meeting of the Permanent Consultative Committee I: Telecommunications as decided by the V Assembly of CITEL.
2. To adopt the Draft Agenda for the XVI Meeting of PCC.I attached to this Resolution.

**ANNEX TO RESOLUTION PCC.I/RES. 161 (XV-09)**

**DRAFT AGENDA**

1. Approval of the agenda and schedule of activities.
2. Establishment of the Drafting Group for the Final Report.
3. Structure of the Committee and terms of reference of its Working Groups
4. Report and meeting of the Working Groups of the period 2006-2010:
  - 4.1 Working Group on Technology (WGT)
  - 4.2 Working Group on Policy and Regulatory Considerations (WGPRC)
  - 4.3 Working Group on Network Operation and Service Provisioning (WGNOSP)
  - 4.4 Working Group on Development (WGD)
4. Agenda, venue and date for the XVII Meeting of PCC.I.
5. Approval of the Final Report.
6. Other Business.

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<sup>6</sup> CCP.I-TEL/doc. 1892/09

#### **IV. RECOMMENDATIONS**

##### **PCC.I/REC.4 (XV-09)<sup>7</sup>**

#### **THE TREATMENT OF ILLEGAL BEHAVIORS CARRIED OUT THROUGH ICT**

The XV Meeting of the Permanent Consultative Committee I: Telecommunications,

#### **CONSIDERING:**

- a) That through the use of information and communication technologies (hereinafter "ICT"), particularly the Internet and information society services, the population may enjoy the rights and liberties set forth in national constitutions as well as in the various Inter-American agreements on the promotion of knowledge, education, research, culture, trade, work, leisure, the exchange of ideas, free thinking, justice, security and health. On the other hand, certain illegal behavior (e.g. fraud, copyright infringement, child pornography, defamation) may also be perpetrated through the use of ICT, and affect individual rights;
- b) That ICT are technologies that transmit, store, publish, find or make available content or information without assessing their nature and purpose;
- c) That many countries have been working through their respective agencies or legislatures in the development of regulations, public policies or laws related to ICT;
- d) That in certain cases these matters are generally regulated to correct or prevent illegal behavior by individuals who are now also using Internet or other ICT;
- e) That analyzing these matters requires information and/or technical knowledge on the structure and operation of the Internet and ICT, as well as on the various information society services provided through these technologies,

#### **RECOGNIZING:**

- a) That many countries with a highly developed ICT sector, including certain PCC.I Members, have established public policies and legislation to promote the development of the sector, which protect the function of technology and communications operators, when they act as intermediaries while transmitting, storing, referring to or making content generated by third party users available to individuals;
- b) That these policies and laws have proven highly efficient in those countries where they have been implemented as they have enabled the development and expansion of information society services and the increased use of ICT by their population;
- c) That within PCC.I there is a significant number of experts in the technologies underlying the Internet and its services;
- d) That as a result of the dynamic development of the ICT sector, and particularly the Internet and information society services, the agencies of Member States are required to implement continuing training on this matter;

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<sup>7</sup> CCP.I-TEL/doc. 1871/09 rev. 1

- e) That there are attempts in the region to take legislative action targeting the functionalities of ICT instead of specifically going after illegal behaviors;
- f) That there is comprehensive supporting documentation available on these matters, and there are experts with deep knowledge on the complexities in this area, particularly about the borders between the things that are possible and not possible;
- g) That it is important that, in order to achieve highly compatible legislation and a favorable framework for the development of ICT, that in the region we consider the impartial nature of technologies and information and telecommunications services, such as networks and the related information society services,

### **RECOMMENDS:**

To encourage as appropriate:

- 1) That Administrations recommend that their ICT expert groups provide support to their respective executive, legislative or judicial branches in order to advise them on the structure and operation of the Internet and other ICT, as well as on the various information society services provided through these technologies and on the technical and functional possibilities of their operators to perform certain actions.
- 2) That such governmental expert groups coordinate efforts with the academic, technical and private sectors in relation to ICT and the information society services, to achieve a synergy of thought that may empower and deepen, which may result in an excellence of ideas to develop the best laws, public policies and regulatory models.
- 3) That such expert groups may act as a link to their peers in the other countries in order to achieve highly compatible legislation and a favorable framework for the development of information and communication technologies in the region.
- 4) That when it is necessary to persecute, correct or prevent illegal behavior involving information and communication technologies –such as the Internet and information society services- to bear in mind the operation of these technologies so as to avoid, to the extent possible and in accordance with each country's legal provisions, unnecessary or undue obligations for their technology operators, and to take proper actions against those who are truly responsible, potentially avoiding market distortions that might impair free competition or hinder the provision of information society services to users in the region.

### **REQUESTS THE EXECUTIVE SECRETARY OF CITEL:**

To distribute this Recommendation to all Administrations of Member States and Associate Members of CITEL.

**FIGHT FRAUD IN THE PROVISION OF TELECOMMUNICATION SERVICES IN THE AMERICAN HEMISPHERE**

The XV Meeting of Permanent Consultative Committee I: Telecommunications,

**CONSIDERING:**

- a) That the magnitude of fraudulent and/or illegal practices has grown substantially in our region, having a direct impact on different actors in our society;
- b) That these practices have a great negative impact on telecommunications growth;
- c) That the World Telecommunications Standardization Assembly of 2004 (WTSA-04) adopted Resolution 29 on alternative calling procedures such as by-pass or traffic source redefinition on international telecommunication networks, and that the ITU reaffirmed the right of each country to authorize, prohibit or regulate call-back practices;
- d) That in those countries where such practices are illegal, and or opposite to the rules, the effect is that licensees avoid payment of interconnection fees, network use and regulatory taxes and fees;
- e) That such practices have not only a negative economic impact on operators, but also on operators' users, who are the most affected ones; additionally, such illegal practices have also a negative impact on fiscal revenues States should collect if communications were routed with the correct identification;
- f) That the main impact of these practices affects society as a whole, since illegal acts are facilitated while judicial prosecutions are hindered,

**RECOGNIZING:**

- a) That the VIII Meeting of the Permanent Consultative Committee I (PCC.I) decided in 1998 to create a Rapporteur Group, within the context of the Working Group on Standards Coordination. . The Rapporteur Group was commissioned with the task of focusing on activities related to fraudulent roaming operations;
- b) That in the XII Meeting of PCC.I (26 June- 1 July 2000) the new Work Plan of the Rapporteur Group was accepted which included the problem of fraud and numbering;
- c) That the Rapporteur Group carried out surveys on experiences, current status and common features in each country of the Americas related to Legislation, Jurisprudence, Civil and Penal Categorization of offences, as well as coordination by the Controlling Agency;
- d) That CITELE has carried out four Seminars on Access Securing and Fraud Prevention where the different parties had the opportunity to explain the diverse fraudulent practices and the impact they caused;

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<sup>8</sup> CCP.I-TEL/doc. 1872/09 rev. 1 cor.1

- e) That, as a result of studies carried out throughout these years, a number of decisions were made in this Commission, particularly Resolution PCC.I/RES.127 (XV-01) “Establishment of a standardized antifraud system in convergent telecommunication systems (FIXED-MOBILE-IP)” that deals with this specific issue;
- f) That fraud is recognized as a serious problem that requires coordinated action by governmental, private sector and international organizations;
- g) That Member States according to their legal and regulatory frameworks determine, as appropriate, penalties where, due to fraud, the automatic number identification (ANI) or other technical parameters are altered;
- h) That relevant governmental entities be able to act against fraud on their own initiative or begin an investigation based on allegations received from third party operators;
- i) That at the XIV Meeting of PCC.I held in Cuzco, Peru, document CCP.I-TEL/doc. 1656/09 rev.1 entitled “IDENTIFICATION OF IMPORTANT POINTS ABOUT FRAUD FOR THE AMERICAS REGION” was introduced for the information of delegations,

**RECOMMENDS:**

1. That all CITEL Member States be encouraged to combat fraudulent activities or practices deemed illegal in each country in relation to ICT.
2. That CITEL Member States work within their legal and regulatory frameworks to identify measures to aid in the control and verification of such illegal practices. Member States should ensure that the measures and sanctions are executed in an efficient manner.
3. That CITEL Member States should, through their legal and regulatory frameworks, as appropriate, report these types of practices to prevent their dissemination at the local, national and international levels.
4. That CITEL Member States, through their legal and regulatory frameworks as appropriate, may be encouraged to create interdisciplinary groups including the Government, Regulators, operators, supervisory and Control bodies and end users, with the purpose of counteracting the impact of Fraud in the provision of telecommunication services; it is advisable that each body have someone in charge of the topic, becoming the direct contact for the creation of sector-based round tables on the matter.
5. That CITEL Member states , through their legal and regulatory frameworks as appropriate, on an annual basis, consider collecting information on and report about the impact of fraud on telecommunications in their respective areas of influence, and also should list its main modalities and the way to eradicate it, and to share such information.
6. That CITEL Member States through their legal and regulatory frameworks as appropriate consider taking measures to protect consumers against fraud.
7. That CITEL Member States consider working with the ITU to disseminate information regarding fraud.

8. That CITELE Member States consider working and cooperating with other Member States to eradicate fraud and theft of telecommunication infrastructure.

9. That CITELE Member States consider creating databases as part of an overall anti-counterfeit and fraud program.

10. That in the next four-year work period, CITELE consider the drafting of a document containing the best practices at the regional level to prevent fraudulent activities on telecommunication networks.

## V. DECISIONS

The XV Meeting of the Permanent Consultative Committee I: Telecommunications,

### DECIDES:

#### PCC.I/DEC. 94 (XV-09)<sup>9</sup>

1. To carry out an online tutorial, in Spanish, on October 27, 2009, and an online tutorial, in English, on October 28, 2009, on "Internet Traffic Management" in view of the positive impact of the "Seminar on Regional Infrastructure and Interconnection" (September 28, 2009, Bariloche, Argentina) and taking into account that not all individuals interested in these topics have been able to attend the seminar and that, additionally, PCC.I members have an interest in current technological issues as the one mentioned herein and it is important to disseminate such knowledge to all interested individuals.

2. To include at least the following topics on the agenda:

- Definitions
- Topology
- Peering and Transit
- Private and Public Peering
- Internet Exchange Points (IXPs)
- BGP (Routing information). Traffic Control
- BGP-based Traffic Management Tools

3. To request support from the CITELE Executive Secretary in order to ensure broad dissemination of and participation in this tutorial.

#### PCC.I/DEC. 95 (XV-09)<sup>10</sup>

1. To instruct the CITELE Secretariat to send to all PCC.I members document PCC.I -TEL/doc. 1877/09 "Draft SCD for ITU-T Recommendation L.75 "Test, acceptance and maintenance methods of copper subscriber pairs" in order to receive comments and contributions that would be included and presented at the next PCC.I Meeting.

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<sup>9</sup> CCP.I-TEL/doc. 1866/09

<sup>10</sup> CCP.I-TEL/doc. 1880/09

**PCC.I/DEC. 96 (XV-09)**<sup>11</sup>

2. To request that all comments and contributions be sent to Mr. Davison Gonzaga da Silva ([davison@anatel.gov.br](mailto:davison@anatel.gov.br)), coordinator in this area, with copy to the CITELE Secretariat.

1. To instruct the CITELE Secretariat to initiate conversations with the Chair of the Governmental Advisory Committee (GAC) of ICANN so that CITELE be granted membership as observer to such Committee.

2. To request the PCC. I Chair to be in charge of the coordination and follow-up of this procedure.

**PCC.I/DEC. 97 (XV-09)**<sup>12</sup>

1. To instruct the CITELE Secretariat to send out the form in document CCP.I-TEL/doc. 1868/09 rev.2 “Market surveillance collaboration proposal” to associate members and administrations to be processed as per the attached schedule.

2. To request all CITELE Member States and associate members to fill out the questionnaire and return it via email to the Rapporteur of the Group on MRA and Conformity Assessment Procedures, Mr. Peter Chau ([peter.chau@ic.gc.ca](mailto:peter.chau@ic.gc.ca)), with copy to the CITELE Secretariat ([citel@oas.org](mailto:citel@oas.org)) by 1st December 2009 at the latest.

3. To instruct the CITELE Secretariat to create a Discussion Group at the CITELE Electronic Forum on the subject and invite all CITELE Member States and the Associate Members of the PCC.I to participate in the Discussion Group to further discuss the subject before the next meeting.

4. To request the Rapporteur Group to carry out the necessary follow-up, collecting in and processing of information obtained.

5. To instruct the Executive Secretary of the CITELE to provide the necessary support in order to proceed with the adequate implementation of this Decision.

6. To request the Rapporteur Group to prepare a progress report for the next PCC.I meeting.

7. To request the Chair of PCC.I to send a liaison on the proposal to PCC.II for their consideration and answering of the questionnaire.

**PCC.I/DEC. 98 (XV-09)**<sup>13</sup>

1. To request CITELE’s Secretariat to forward PCC.I members resolution PCC.I/RES. 107 (X-07) “Submission of inter-american proposals to the World Telecommunication Standardization Assembly 2008” in order to update said Resolution in line with the experience gained at the WTSA-08 as a result of the submission of documents CCP.I-TEL/doc. 1741/09, CCP.I-TEL/doc. 1799/09 y CCP.I-TEL/doc.

<sup>11</sup> CCP.I-TEL/doc. 1867/09 rev.1

<sup>12</sup> CCP.I-TEL/doc. 1876/09 rev.1

<sup>13</sup> CCP.I-TEL/doc. 1874/09 rev.1

1828/09 regarding future work in view of the World Conference on International Telecommunications to be tentatively held in 2012.

2. To invite PCC.I members to submit their proposals for modification of Resolution PCC.I/RES. 107 (X-07) to the WCIT-RTI Discussion Group of CITELE's electronic forum, preferably on or before November 20, 2009.

3. To request PCC.I members to forward to the e-mails of the co-rapporteurs of the WTSA and WCIT Preparatory Group, prior to the next PCC.I meeting, their comments section by section on the document of analysis done by the Experts Group of ITU-T that reviewed by the RTI.

Mr. Guillermo Clemente ([gclemente@cnc.gov.ar](mailto:gclemente@cnc.gov.ar))

Mr. Víctor Martínez ([vmartine@sct.gob.mx](mailto:vmartine@sct.gob.mx))

**PCC.I/DEC. 99 (XV-09)**<sup>14</sup>

1. To invite the COM/CITEL Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU) to prepare a detailed analysis of document C09/28 the Telecommunication Standardization Bureau (TSB) Director's "Report to Council on Resolution 76". The outcome of the analysis will be used by the aforementioned Working Group to make appropriate recommendations regarding the proposed ITU Mark program

2. To inform the above mentioned group that PCC.I is of the view that the implementation of the ITU Mark program requires that appropriate studies and analysis of issues - such as the nature of interoperability problems and cost issues related to a potential Mark program - must be carried out by the TSB Director before beginning implementation of the proposed ITU Mark program in accordance with WTSA-2008 Resolution 76.

3. To recommend that CITEL members present their views on the advantages and disadvantages regarding the implementation of the proposed ITU Mark program before the next meeting of the COM/CITEL Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU).

4. To instruct the Executive Secretary of CITEL to send this decision with document CCP.I-TEL/doc. 1883/09 as an Annex to the COM/CITEL Working Group to Prepare for the Meetings of the Council of the International Telecommunication Union (ITU).

**PCC.I/DEC. 100 (XV-09)**<sup>15</sup>

To finalize at this meeting the work of the following Technical Notebooks:

Number 3: Study of economic aspects of Universal Service.

<sup>14</sup> CCP.I-TEL/doc. 1884/09 rev.1

<sup>15</sup> CCP.I-TEL/doc. 1896/09

**PCC.I/DEC. 101 (XV-09)**<sup>16</sup>

Number 10: Practical Cases of application and use of regulatory accounting.

To instruct the CITELE Executive Secretary to send to the PCC.I members the Questionnaire included in the PCC.I-TEL/doc. 1855/09 cor.1. In this regard, a report with the answers will be presented at the next PCC.I meeting. The updated questionnaires may be sent to the co-rapporteurs of the Rapporteur Group on Fraud Control in Telecommunication Services: Mr. Giovanni Mancilla (gmancilla@gmail.com) and Mr. Silvio de Diego ([sdediego@cnc.gov.ar](mailto:sdediego@cnc.gov.ar)) with a copy to the CITELE Secretary.

**PCC.I/DEC. 102 (XV-09)**<sup>17</sup>

To finalize at this meeting the work of the Technical Notebook Number 11: "Operation and experiences concerning the introduction of new services in the convergence environment."

**PCC.I/DEC. 103 (XV-09)**<sup>18</sup>

1. To accept the invitation made by CITELE to participate in the initiative known as "Mobile eHealth Alliance", created with the support of ITU/BDT.

2. To appoint the PCC.I Chair as CITELE's representative for such purposes.

2. To instruct the CITELE Executive Secretary to disseminate this Decision on the CITELE Website and its monthly electronic bulletin, info@citele.

**PCC.I/DEC. 104 (XV-09)**<sup>19</sup>

To instruct the CITELE Executive Secretary to send the documents resulting from the Workshop on the "development of ICT for areas and groups with unattended needs or with specific issues" held on September 30, 2009, in San Carlos de Bariloche, Argentina to all Member and Associate States for their information.

**PCC.I/DEC. 105 (XV-09)**<sup>20</sup>

To instruct the Executive Secretary of CITELE to deliver to the Administrations the Technical Notebook on the "Use of Telecommunications for Disaster Prevention and Mitigation" (document CCPI-TEL-1848/09) in order to receive their contributions with a view to enriching such document.

**PCC.I/DEC. 106 (XV-09)**<sup>21</sup>

1. To instruct the Executive Secretary of CITELE that in coordination with the Chair of PCC.I, and in the frame of the Rapporteur Group to address matters of common interest for CITELE and UPAEP, requests Member States and associate members that they collaborate with the identification of issues of common interest and in the work of the group.

<sup>16</sup> CCP.I-TEL/doc. 1889/09

<sup>17</sup> CCP.I-TEL/doc. 1886/09

<sup>18</sup> CCP.I-TEL/doc. 1881/09 rev.1

<sup>19</sup> CCP.I-TEL/doc. 1881/09 rev.1

<sup>20</sup> CCP.I-TEL/doc. 1881/09 rev.1

<sup>21</sup> CCP.I-TEL/doc. 1894/09

2. The contributions may be sent, by December 31, 2009 to Ms. María Victoria Sukenik (msukenik@secom.gov.ar) and to the CITEL Secretariat (citel@oas.org).

To approve the terms of reference, working methods and timeline of the Rapporteur Group for International Roaming Services in the Americas Region included in document CCP.I-TEL/doc. 1878/09 rev.1 cor.1.

#### **ANNEX TO DECISION PCC.I/DEC. 107 (XV-09)**

##### **Terms of reference:**

1. Gather views of the membership of PCC.I on international mobile roaming in order to help facilitate increased access to roaming services to a broader segment of the population.
2. Identify relevant elements on which to focus in order to improve roaming services. These elements may include, but not be limited to,
  - A review of the impact of tax systems on mobile roaming rates, particularly double taxation.
  - Standardized formats for information exchange.
  - Prepaid roaming platform.
  - NRTSDE (Near Real Time roaming Data Exchange)
  - Calling Line Identification recognition.
  - Global roaming Quality implementation.
  - Development of an IP Multimedia Sub-System regional platform.
  - Liberalization of International Gateways.
  - Bypass Fraud.
  - Unnoticed cross-border roaming.
  - Identification and analysis of local cross-border roaming zones.
  - Development of public policies and regulations to foster new solutions and accelerate improvement of telecommunication services.
  - Review of state-of-the-art technologies which could assist expansion of international roaming services.
3. Consider developing best practices for providing roaming service information to consumers.
4. Identify market developments that have occurred within administration, regions and globally that have contributed to a reduction in roaming rates for consumers.

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<sup>22</sup> CCP.I-TEL/doc. 1878/09 rev.1 cor.1

5. Consider the implications of regulatory measures, such as liberalization of international gateways, on roaming tariffs.
6. Consider the implications of pre-paid and post-paid roaming services on rates.
7. Review studies and discuss measures and policies proposed by regulators, operators, government bodies, and other entities (such as associations and expert groups).
8. Request, gather, classify and evaluate information from inter-American organizations, which are part of the Inter-American System, as well as from other organizations that are currently working or are interested in the development of the Roaming International Service in the Americas, such as the Latin American Forum of Telecommunications Regulators (REGULATEL), the Telecommunications Regional Technical Commission of Central America (COMTELCA), and the industry.
9. Instruct the Rapporteur Chair to act jointly with the PCC.I Chair and CITEL Executive Secretary to request international organizations to obtain the funding to support the work of the Rapporteur Group.
10. Instruct the CITEL Secretariat to serve as the point of contact with international financial institutions in support of this initiative.
11. Actively participate in the various roaming procedures carried out at the regional level.
12. Coordinate with the Permanent Consultative Committee II: Radiocommunications, including Broadcasting.
13. Identify and evaluate experiences, including international agreements, of Member States of CITEL which promote the development of cross-border international roaming services.
14. These Terms of Reference recognize that work is currently underway within other organizations, for example, ITU-T Study Group 3, the Organization for Economic Cooperation and Development (OECD), the European Regulators Group (ERG), the Asia Pacific Economic Cooperation/Telecommunication (APECTEL), and MERCOSUR, the Andean Community of Nations (CAN) and the Central American Integration System (SICA). The results of these works should be considered by the Rapporteur Group as they become available
15. Coordinate and establish links with organizations forming part of the inter-American development system, such as the IDB, and other regional and sub regional institutions and organizations, in

order to develop and promote international roaming services in the region

16. Undertake the development of surveys and organize workshops, as appropriate and agreed to by CITEI PCC.I Plenary.

### **Working Methods**

The Rapporteur Group on International Mobile Roaming will meet during PCC.I session periods. The group will also work electronically between sessions. All interested members of PCC.I will be encouraged to participate in the work of the Rapporteur Group.

### **Timeline**

The Rapporteur Group will present a progress report at the first 2010 meeting. A final report will be prepared for the second 2010 meeting. A decision will be taken at that meeting as to whether the terms of reference and list of deliverables need to be updated.

## **VI. LIST OF BASIC DOCUMENTS**

Summary Minutes of the Inaugural Session and the First Plenary Session:	CCP.I-TEL/doc. 1869/09
Summary Minutes of the Second Plenary Session:	CCP.I-TEL/doc. 1895/09 rev.1
Summary Minutes of the Third Plenary Session and Closing Session:	CCP.I-TEL/doc.190009
List of Documents:	CCP.I-TEL/doc. 1716/09 rev.6
List of Participants:	CCP.I-TEL/doc. 1717/09 rev.2
Final Report for the Meeting	CCP.I-TEL/doc. 1903/09 rev.1