ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission

FINAL REPORT

(Item on the Agenda: 5)

(Document submitted by the Drafting Group)

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FINAL REPORT

XIV MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE I (PCC.I)

The XIV Meeting of the Permanent Consultative Committee I: Telecommunications was held in Cusco, Peru, May 5 to 8, 2009.

I. AGENDA[1]

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)

4. Agenda, venue and date for the XV 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: Mr. Alejandro Jiménez (Peru)

Members: Mr. Oscar Avellaneda (Canada)
Mr. Jonathan Siverling (United States of America)

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[1] CCP.I-TEL/doc. 1566/08 rev.1

III.   RESOLUTIONS

PCC.I/RES. 145 (XIV-09) [2]

INTERNET PROTOCOL TELEVISION (IPTV) FUNCTIONAL ARCHITECTURE

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

CONSIDERING:

a)   That advanced services and new technologies are essential tools for the region's social and economic development;

b)   That such services and technologies are in constant evolution and accordingly, we must continue to develop models of practical cases for consultation by the countries of the region;

c)   That IPTV technology is becoming part of the development of communications, which are essential for individual and community growth;

d)   That IPTV technology is producing major changes in the way in which video and multimedia digital services are provided, promoting the development of communications, and providing new tools that bring us ever closer to other communities in the world, and

e)   That the IPTV vision includes the delivery of multimedia services across a large variety of delivery modes, including wireline, fiber, fixed wireless, and mobile wireless,

RECOGNIZING:

a)   That IPTV offers the promise of new innovative video entertainment experiences to the public;

b)   That the integration of IPTV video services and telecommunications services will offer benefits with enhanced value to the public, and

c)   That IPTV has been deployed or is to be deployed in many regions and in a number of countries of the Americas,

RESOLVES:

1.   To endorse ITU-T Recommendation Y.1910 "IPTV Functional Architecture" with no deletions, additions or modifications.

2.   That the Rapporteur Group on Standards Coordination continues to monitor IPTV telecommunications developments and determines its applicability for America as this work evolves.

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[2] CCP.I-TEL/doc.1681/09

ANNEX TO RESOLUTION CCP.I/RES. 145 (XIV-09)

SUMMARY

A Standards Coordination Document is proposed which addresses ITU-T Recommendation Y.1910 – "IPTV Functional Architecture". This Recommendation provides a functional architecture to support IPTV service requirements and definitions. Starting from a basic description of IPTV roles and services, a high level IPTV functional model is outlined. This model is then developed into a set of functional architectures which support NGN and non-NGN transport networks, as well as operation modes with or without IMS.

STANDARDS COORDINATION DOCUMENT

Internet Protocol Television (IPTV) Functional Architecture

1.   EXECUTIVE SUMMARY

IPTV, defined by ITU-T as "multimedia services such as television/video/ audio/text/graphics/data delivered over IP-based networks managed to support the required level of quality of service (QoS)/quality of experience (QoE), security, interactivity and reliability", is one of the most significant business cases and drivers for the deployment of Next Generation Networks (NGN).

ITU-T Recommendation Y.1910 "IPTV Functional Architecture" [1] describes the IPTV functional architecture intended to support IPTV services based on the IPTV service requirements and definitions. Starting from a basic description of IPTV roles and services, a high-level IPTV functional model is outlined. This model is then developed into a set of functional architectures, which support Next Generation Networks (NGN) and non-NGN transport networks, as well as operation modes with or without the IP Multimedia Subsystem (IMS).

This functional architecture can support multiple service providers, if this is allowed by regulation and the end user is able to connect over the network to another provider or providers. Those service providers, in turn, can have multiple relationships with different content providers. The architecture can also support new services, such as user-generated content, where the end users themselves can push the content up into the network and make it available to other users.

The Working Group on Standards Coordination started to study IPTV at the X PCC.I meeting in Buenos Aires, Argentina in March 2007 [2]. These studies continued [4] at the XI PCC.I meeting in Mendoza, Argentina in September 2007 in which the PCC.I Plenary approved the creation of a Technical Notebook on Practical Cases of Implementation of Internet Protocol Television (IPTV) Technology [3].

In addition, during the XII PCC.I meeting in Washington DC, United States of America, in March 2008, the Working Group on Standards Coordination considered documents dealing with IPTV standards [7], convergence considerations [5] and deployment matters [6]. Section 3 of the Next Generation Networks - Standards Overview Technical Notebook (CCP.I-TEL/doc. 1438/08) provides a comprehensive description of IPTV.

This CSD proposes that ITU-T Recommendation Y.1910, "IPTV Functional Architecture" approved by the ITU-T SG 13 on September 12th 2008, be endorsed by the PCC.I for the region of the Americas.

2. BACKGROUND

Recommendation ITU-T Y.1910 provides a standard reference model of the component functions needed in an end-to-end IPTV solution and how they interact with each other. The IPTV functional architecture framework shown in Figure 1 identifies the principal functional groups for IPTV.
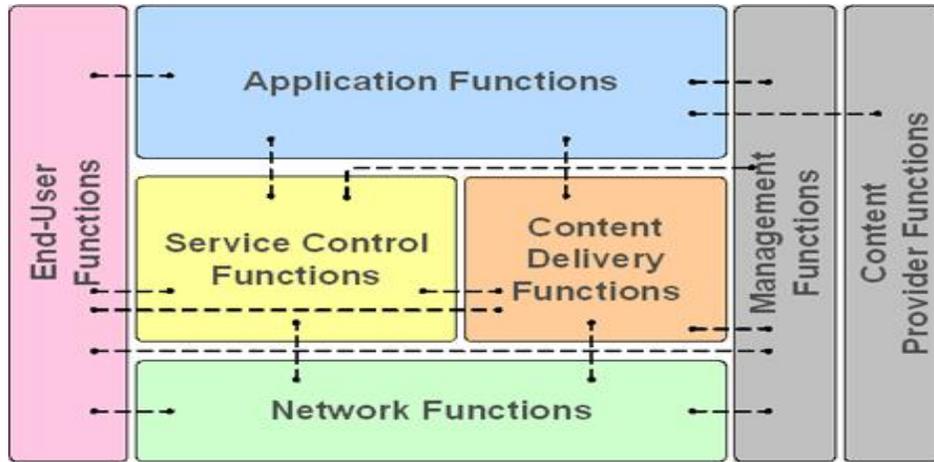

Figure 1: IPTV functional architecture framework

On the extreme left are the end-user functions, which perform mediation between the end-user and the IPTV infrastructure. They cover things like the set-top boxes, home gateways, mobile devices, and PC clients – effectively, the hardware and software components that allow the end user to receive and consume content.

On the extreme right are the content-provider functions that are provided by the entity that owns or is licensed to provide (i.e., sell, rent or give free usage permission) content or content assets (i.e., owner of the content, metadata and usage rights). In other words, these are the functions needed to provide the movies, TV channels; music downloads, and so on, that are made available over the service.

At the bottom of Figure 1 is the IP network – the network functions – that delivers the content from its source, which is provided by the content-delivery functions. These functions deliver, for example, video-streams as multicast TV channels; to multiple users, or as unicast service to individual users, over the network.

The service control functions provide the functions to request and release network and service resources required to support the IPTV services. These functions manage the QoS, network resources, and delivery resources to ensure that the content is received correctly by the end user. The service control functions can optionally obtain end-user's current location from the network functions.

The application functions enable the end-user functions to select and purchase or rent a content item. They basically provide such things as the traditional program guide, advertising, interactive capabilities, and so on. This is where the new features and functions of IPTV services will be developed and provided.

Finally, between the service-provider domain and the content-provider functions are the management functions that perform overall system management (i.e., operations, administration, maintenance and provisioning (OAM&P)). The management functions do not include the functions that provision the behavior within applications or the functions that gather accounting information within applications.

Architectural Approaches

An important characteristic of the architecture is that it works across all network technologies. In particular, this means that network providers have several broad options in handling current network-technology issues. Recommendation Y.1910 identifies three IPTV architecture that enable service providers to deliver IPTV services:

1. **Non-NGN IPTV functional architecture:** The architecture does not depend on a Next-Generation Network (NGN) architecture. The technology components, protocols and interfaces used in this IPTV architecture are already in use and hence this approach is a representation of typical existing networks providing IPTV services. This architectural approach can optionally be used as the basis for evolution towards the other IPTV architectures listed below.

2. **NGN-based and non-IMS IPTV functional architecture:** An IPTV service component is drawn on top of the other NGN service components in an NGN architecture as identified in [ITU-T Y.2012], while the IPTV service component is obtained without using the IP Multimedia Subsystem (IMS) technology standards.

3. **NGN IMS-based IPTV functional architecture:** An IPTV service component is drawn on top of the other NGN service components in NGN architecture, while the IPTV service component is obtained by using IMS.

3. CONCLUSIONS

The Working Group on Technology recommends that PCC.I endorses ITU-T Recommendation Y.1910 "IPTV Functional Architecture" with no deletions, additions or modifications.

4. FUTURE WORK

The Rapporteur Group on Standards Coordination will continue monitoring the progress of the IPTV as CITEL Members State can benefit from these developments.

5. RESOURCE DOCUMENTS

[1] ITU-T Recommendation Y.1910, IPTV Functional Architecture.

[2] "IPTV Standards: ATIS IPTV Interoperability Forum (IIF)", CCP.I-TEL/doc. 986/07, Buenos Aires, Argentina, March 2007.

[3] "Creation of a Technical Notebook on Practical Cases of Implementation of Internet Protocol Television (IPTV) Technology", CCP.I-TEL /doc.1128/07 rev.1, Mendoza, Argentina, September, 2007.

[4] "Internet Protocol Television (IPTV)", CCP.I-TEL /doc.1130/07, Mendoza, Argentina, September, 2007.

[5] "IPTV in a World of Convergence", CCP.I-TEL /doc.1245/08 cor.01, Washington, DC, USA, March, 2008.

[6] "IPTV Developments in Canada", CCP.I-TEL /doc.1246/08, Washington, DC, USA March, 2008.

[7] "IPTV Standardization Activities in ITU-T", CCP.I-TEL /doc.1227/08, Washington, DC, USA March, 2008.

PCC.I/RES.146 (XIV-09) [3]

NGN IDENTITY MANAGEMENT FRAMEWORK

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

CONSIDERING:

a)   The importance of Identity Management to practically all forms of social and economic activity, as well as the technical development and deployment of all radiocommunication and telecommunication services for diverse entities (persons, organizations/providers, and objects), including:

  a. authentication and credentials;
  b. identifiers and their Resolution or use for access;
  c. attributes including directories, presence and availability;
  d. derivative identity information including reputation;
  e. discovery and interoperability of the above authoritative resources;
  f. identity assurance; and
  g. identity management privacy, security and governance;

b)   That Identity Management capabilities are essential to almost all areas of telecommunications technology, including RFIDs, sensors, wireless and near-field devices, on-board GSM, IPTV, NGN, healthcare, emergency communications, e-government, disaster relief, product proofing against misuse of resources, lawful interception, mitigating identity theft;

c)   That the rapidly increasing implementation of nomadic and mobile network access by users, providers, and objects to a complex interconnected set of providers necessitate enhanced and new IdM capabilities;

d)   That effective protection of all kinds of national communications, transportation, electrical and other critical infrastructures are fundamentally dependent on effective Identity Management capabilities,

RECOGNIZING:

a)   That common frameworks can provide for trusted global discovery and interoperability of identity resources;

b)   That exist a common interest of network operators, service/application providers, government, and users in effective, trusted, interoperable frameworks for Identity Management,

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[3] CCP.I-TEL/doc.1682/09

RESOLVES:

1.   To endorse ITU-T Recommendation Y.2720 "NGN Identity Management Framework" with no deletions, additions or modifications.

2.   That the Rapporteur Group on Standards Coordination continues to monitor identity management developments and determines its applicability for the Americas as this work evolves.

ANNEX TO RESOLUTION PCC.I/RES. 146 (XIV-09)

SUMMARY

A Standards Coordination Document is proposed which addresses ITU-T Recommendation Y.2720 – "NGN Identity Management Framework". This Recommendation provides a framework for Identity Management (IdM) in Next Generation Networks (NGN). The primary purpose of this framework is to describe a structured approach for designing, defining, and implementing IdM solutions and for facilitating interoperability in a heterogeneous environment.

STANDARDS COORDINATION DOCUMENT

NGN IDENTITY MANAGEMENT FRAMEWORK

1.   EXECUTIVE SUMMARY

The term Identity management (IdM) is understood as "management by providers of trusted attributes of an entity such as a subscriber, a device, or a provider." IdM promises to reduce the need for multiple user names and passwords for each online service used, while maintaining privacy of personal information. Global IdM solutions will help diminish identity theft and fraud. Further, IdM is one of the key enablers for a simplified and secure interaction between customers and services such as e-commerce.

ITU-T Recommendation (Y.2720) "NGN Identity Management Framework" [1] specifies a structured approach for designing, defining, and implementing interoperable identity management solutions for next generation networks (NGN). The framework defined in Y.2720 provides a holistic view of IdM in NGN. It lays the foundation for developing specific aspects of IdM, including detailed requirements, mechanisms and procedures which will form the next stage of work for ITU-T experts.

The Working Group on Standards Coordination started to study Identity Management at the X PCC.I meeting in Buenos Aires, Argentina in March 2007 [2]. These studies continued [3] at the XII PCC.I meeting in Washington DC, USA in March 2008. In addition, Section 7.4 of the Next Generation Networks - Standards Overview Technical Notebook (PCC.I-TEL/doc. 1438/08) [4] provides a comprehensive description of Identity Management.

Identity management, a cornerstone of establishing trust in the evolving ICT infrastructure, is necessary to control access to services and infrastructures, to protect personal information, to perform online transactions, and to comply with legal and regulatory requirements. This CSD proposes that ITU-T Recommendation Y.2720, "Identity Management Framework" approved by the ITU-T SG 13 on January 23rd 2009, be endorsed by the PCC.I for the region of the Americas.

2.   BACKGROUND

A global information society is emerging, a society based on fundamental principles, including the unimpeded ability to communicate with others. New forms of media, ubiquitous devices, and broadband interconnectivity are allowing all members of society to create innovative content and to share their creations with others.

Fundamentally, security and trust play key roles in enabling the global information society. For example, users must have the confidence that online transactions, either with business or government services, are secure and trustworthy. SMEs must also have trust and confidence in their e-business transactions. Security and trust become even more important factors with the use of ubiquitous wireless devices, allowing access to new media and services, where everyone is connected to everything.

Security in the emerging hyper-connected society requires, in part, robust management of digital identities to establish trust, to protect personal information, to control access to services and infrastructures, to perform online transactions, and to comply with legal and regulatory requirements. ICT infrastructures and services have typically evolved with a diverse set of identity management (IdM) solutions, many of which are highly distributed and autonomous. To address the need for a trusted, global, and interoperable IdM capability, ITU-T has developed an NGN IdM framework. This framework is documented in Recommendation Y.2720.

In a heterogeneous, converged environment such as NGN, the assurance, security and management of identity information faces unique challenges, including:
- End users are increasingly using multiple identities
- These identities may be associated with differing contexts and service privileges
- The identities may only partially identify the end user
- The identities may be used anywhere, anytime
- The identities may not be interoperable between providers

Recommendation Y.2720 addresses these challenges and identifies a set of functions and capabilities (e.g., administration, discovery, communication exchanges, correlation and binding, policy enforcement, authentication and authorization) to allow:
- Assurance of identity information (e.g., identifiers, credentials, and attributes)
- Assurance of the identity of an entity (e.g., users/subscribers, user devices, service providers, and network elements)
- Enablement of business and security applications.

This framework is intended to be used as a foundation to develop and specify specific aspects of IdM for NGN, such as detailed requirements, mechanisms and procedures, as needed. It also provides a clear and coherent overview of the totality of IdM in NGN.

It is worth to mention that Recommendation ITU-T Y.2720 results from a truly international effort involving governments, operators and equipment vendors from many countries, including Canada, China, Japan, Korea, the United States, and United Kingdom.

It should be noted that the use of the term 'Identity' in this Recommendation relating to IdM does not indicate its absolute meaning. In particular, it does not constitute any positive validation of a person.

3. CONCLUSION

The Working Group on Technology recommends that PCC.I endorses ITU-T Recommendation Y.2720 "NGN Identity Management Framework" with no deletions, additions or modifications.

4. FUTURE WORK

The Rapporteur Group on Standards Coordination will continue monitoring the progress of Identity management as CITEL Members State can benefit from these developments.

5. RESOURCE DOCUMENTS

[1]   ITU-T Recommendation Y.1220, "NGN Identity Management Framework".

[2]   "Highlights of the December 2006 ITU-T SG 17 Meeting" CCP.I-TEL/doc. 964/07, Buenos Aires, Argentina, March 2007.

[3]   "Identity Management", CCP.I-TEL /doc.1249/08, Washington, DC, USA, March, 2008.

[4]   "Technical Notebook: Next Generation Networks – Standards Overview (August 2008)" CCP.I-TEL /doc.1438/08, Puerto Iguazú, Misiones, Argentina, August, 2008.

PCC.I/RES. 147 (XIV-09) [4]

CREATION OF A RAPPORTEUR GROUP FOR TO ADDRESS MATTERS OF COMMON INTEREST FOR CITEL AND UPAEP

The XIV Meeting of Permanent Consultative Committee I: Telecommunications,

RECOGNIZING:

a)   That there is a Cooperation Agreement signed between the General Secretariat of the Organization of American States (OAS) through the Inter-American Telecommunication Commission (CITEL) and the General Secretariat of the Postal Union of the Americas, Spain and Portugal (UPAEP);

b)   That this Agreement provides that the Parties shall cooperate in matters of common interest, in the framework of their general objectives;

c)   That electronic commerce and universal service have been identified as among the principal matters of interest;

d)   That new matters of common interest have emerged such as certification of digital signature, provision of services by the postal services as virtual mobile operators, communication service convergence, and others;

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[4] CCP.I-TEL/doc.1640/09

e)   That the governments attending the World Summit on the Information Society (WSIS) have pledged to use information and communication technologies (ICT) to reach the objectives included in the Millennium Declaration;

f)   That, with respect to the Postal Service, commitments have also been made to create ICT capabilities to improve access to services and postal networks;

g)   That the need to establish multipurpose community centers for sustainable public access has been identified to provide citizens with affordable or free access to various communication services, especially Internet, which must have sufficient capacity to provide assistance to the users in the post offices, with special emphasis on rural and unattended areas;

h)   That the joint use of postal and telecommunication infrastructure could generate synergies aimed at developing both sectors,

CONSIDERING:

That PCC.I is in a position to cooperate with the UPAEP, providing experiences in the telecommunication sector, especially with respect to the topic of universal service and best practices for the use of ICT, by means of studies and up-to-date information, and promoting the exchange of information and discussion with UPAEP as well,

RESOLVES:

1.   To establish a Rapporteur Group to address matters of common interest for CITEL and UPAEP, which would report directly to the Chair/Plenary Meeting of PCC.I, in order to identify matters of common interest and make progress in studying them and thus create an environment of cooperation, consultation and discussion.

2.   To designate the Alternate Chair of PCC.I as the person responsible for this Rapporteur Group and who shall be in charge of coordinating its work.

3.   To adopt the structure, mandate and terms of reference for the Rapporteur Group to address matters of common interest for CITEL and UPAEP, attached herewith as an Annex.

INVITES:

1.   The member countries and territories of the UPAEP to participate and cooperate in identifying the topics and work of the Rapporteur Group.

2.   The members of PCC.I to participate and cooperate in identifying matters of common interest.

3.   The other Working Groups of PCC.I to contribute to this Group's good performance.

INSTRUCTS THE EXECUTIVE SECRETARY OF CITEL:

To send a copy of this Resolution to UPAEP.

ANNEX TO RESOLUTION CCP.I/RES. 147 (XIV-09)

1. RAPPORTEUR GROUP TO ADDRESS MATTERS OF COMMON INTEREST FOR CITEL AND UPAEP

Coordinator: Alternate Chair of PCC.I (Argentina)

Mandate:

To focus on identifying, studying and monitoring topics of common interest for the Inter-American Telecommunication Commission and the Postal Union of the Americas, Spain and Portugal aimed at implementing the Cooperation Agreement signed by both organizations. To address in particular matters involving universal service, electronic commerce, the use of ICTs in post offices in order to provide better and affordable access to users and to examine the convergence of services. To submit Recommendations for best practices that might be of use to meet the current and future needs of the users of these networks throughout the region, especially in rural and unattended areas.

Terms of reference:

a)   To work on the study of the joint implementation of universal service in the region, in line with the specific characteristics of each country.

b)   To identify and assess the policies needed to promote the development of electronic commerce in the region.

c)   To study the identification of best practices in the use of ICT in postal offices, as deemed appropriate.

d)   To work on the study of possible joint provision of telecommunication services by the postal services.

e)   To establish Recommendations of best practices in the joint use of postal and telecommunication infrastructure.

f)   To identify other topics of common interest for CITEL and UPAEP throughout the region.

g)   To organize once a year a joint CITEL-UPAEP Seminar in the framework of the meetings of PCC.I.

h)   To establish ties with other organizations that have made progress in similar cooperation agreements, such as the International Telecommunication Union (ITU) and the Universal Postal Union (UPU), as deemed necessary, to further the work.

Work Plan:

XV Meeting of PCC.I (2009)

a) To identify, with the help of UPAEP, the government structures and contacts in the postal area of each of the region's countries;

b) To gather information available in the region's countries on implementing universal service in both telecommunications and the postal sector;

c) To start studies on the implementation of policies for the development of electronic commerce;

d) To start studies on the services/options provided by ICTs for development in postal offices;

e) To identify areas where the joint use of postal and telecommunication infrastructure is feasible;

f) To organize the first joint CITEL-UPAEP Seminar at the first meeting of PCC. I in 2010.

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PCC.I/RES. 148 (XIV-09) [5]

INITIATIVE FOR DEVELOPMENT OF INTERNATIONAL ROAMING SERVICES IN THE AMERICAS

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The XIV Meeting of Permanent Consultative Committee I: Telecommunications**,**

CONSIDERING:

a) That in the Declaration of Commitment of Port of Spain made at the Fifth Summit of the Americas held in Port of Spain, Trinidad and Tobago, in April 2009, the Heads of State and Government considered that reducing the digital divide, both among and within the nations of the Americas, is one of the conditions for achieving internationally agreed development objectives; and renewed their commitment to collaborate with regional, subregional and multinational agencies to advance progress in the implementation of the information society;

b) That at the Meeting of Presidents of South America held in Brasilia, Brazil, in August 2000, the presidents of the region agreed to adopt joint measures to stimulate the process of South American political, social and economic integration, and in that context there emerged the Initiative for Integration of Regional Infrastructure in South America (IIRSA), which constitutes a forum for dialogue among the authorities responsible for transport, energy, and communications infrastructure in the twelve South American countries;

c) That International Roaming Services for Mobile Telecommunications Networks [6] offer enormous potential for stimulation of regional integration in the Americas through telecommunication infrastructure at the regional, subregional and binational levels;

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[5] CCP.I-TEL/doc. 1685/09 rev.4

[6] Hereinafter"Roaming Services"

d)   That in the framework of the IIRSA an in-depth review has been carried out of this services market in the shape of the "Regional Study of the South American Roaming Services Market," [7] giving particular attention to measures that could be encouraged at the regional level to enable this market to operate better;

e)   That various Member States and international organizations have expressed their interest that development of international roaming services be included in the work agenda of the Inter-American Telecommunication Commission (CITEL);

f)   That in recent years other bodies, such as the Latin American Forum of Telecommunications Regulators (REGULATEL), Project Mesoamerica, MERCOSUR, the Asia-Pacific Economic Cooperation Forum (APEC), and the International Telecommunication Union (ITU), among others, have included in their agendas harmonization and improvement of operating conditions in this services market;

g)   That CITEL and the IIRSA Initiative have held joint workshops on international roaming services, which took place in March 2008 and May 2009;

h)   That the conclusions of the recent Joint CITEL/IIRSA Workshop "International Roaming Services: Regional Action Plan and Lessons Learnt" (available in working document CCP.I-TEL/doc. 1677/09) were the subject of an exchange of ideas at the plenary meetings of the Working Group on Network Operation and Service Provisioning (WGNOSP);

i)   That within the inter-American system, the Inter-American Development Bank (IDB) has committed to the regional integration process in the framework of the IIRSA and has undertaken to coordinate and stimulate the Initiative, furnish technical assistance and logistical support, and provide financing for integration infrastructure projects;

j)   That, therefore, there is a need to create a working forum to enable CITEL to coordinate with the organizations that form part of the inter-American system, such as the IDB, and other subregional institutions and organizations, as well as other organizations that work for or have an interest in the development of international roaming services in the Americas;

k)   That this coordination would facilitate the participation of all actors involved in the development of international roaming services, avoid wasteful duplication of efforts, and harness existing synergies,

RESOLVES:

1.   To create, within the PCC.I, a Rapporteur Group for International Roaming Services in the Americas Region, which will be supported by the CITEL Secretariat and will constitute a working forum for improvement of international roaming services in the Americas.

2.   In order to complete its objectives, the Rapporteur Group for International Roaming Services in the Americas Region shall coordinate with the organizations of the inter-American system, such as the Inter-American Development Bank and other subregional institutions and organizations active in the system.

3.   The Rapporteur Group for International Roaming Services in the Americas Region shall use the information submitted by the organizations of the inter-American system and other organizations that

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[7] Available at www.iirsa.org/roaming.asp

work for or have an interest in the development of international roaming services in the Americas, such as the Latin American Forum of Telecommunications Regulators (REGULATEL), the Regional Technical Telecommunication Commission (COMTELCA), and industry.

4.   The Rapporteur Group for International Roaming Services in the Americas Region and the Chairmanship of PCC.I will submit to the XV Meeting of PCC.I, for examination and endorsement, a progress report.

5.   To designate the Administration of Peru in charge of the Rapporteur Group for International Roaming Services in the Americas Region who will present to the XV meeting of PCC.I, the terms of reference of the group.

PCC.I/RES. 149 (XIV-09) [8]

SEMINAR ON THE INTERNET ACCESS ECOSYSTEM AND NETWORK NEUTRALITY

The XIV Meeting of Permanent Consultative Committee I: Telecommunications,

RECOGNIZING:

a)   That the Inter-American Telecommunication Commission (CITEL) of the Organization of American States (OAS) and the Internet Society have entered into a Cooperation Agreement (Agreement) [9]to cooperate with each other on matters of common interest within the scope of their general objectives;

b)   That specific areas for possible cooperation under the Agreement include Access and Multilingualism, Internet policy, Internet security and Internet and development. In particular:

   i.   Promoting access to Internet in OAS Member States, especially by communities that are currently deprived from access to Internet (Rural and Remote communities, Women, the Disabled, etc.);
   ii. Promoting the increasing use of the languages of the OAS Member States on the Internet;
   iii. Organizing joint activities to increase the awareness of policy makers on Internet policy issues;
   iv. Organizing Internet policy discussions and debates;
   v.   Assisting member countries to participate in worldwide Internet policy discussions;

c)   That the challenges of improving Internet access growth are multifaceted and interrelated, particularly in developing countries. They include, for example, access to technical skills and knowledge, the regulatory and policy environment for information and telecommunications services, and broader economic and market factors, language diversity, and the diffusion and reliability of basic infrastructures and services;

d)   That increasing access to the Internet is a priority for CITEL,

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[8] CCP.I-TEL/doc. 1645/09
[9] Hereinafter "Agreement".

RECOGNIZING FURTHER:

a)   That the Internet Society has served as the international organization for global coordination and cooperation on the Internet since 1992, promoting a broad array of activities focused on the Internet's development, availability, and associated technologies throughout the Americas and in other regions;

b)   That CITEL and the Internet Society have the shared goal of building the capacity of the OAS Member States to face the challenges and benefits of a global and technology-driven economy;

c)   That one of the objectives of CITEL's PCC.I is to serve as a telecommunication advisory body of CITEL with respect to new policy, regulatory, and economic matters arising as a result of the rapid evolution of telecommunications;

d)   That the format of the seminar proposed by the Internet Society is a one-day program for high-level policy-makers and key regional stakeholders focussing on current and future Internet policy and technical issues;

e)   That the seminar is designed to promote regional awareness of these policy and technical issues, build a common knowledge base, facilitate experience sharing for more effective problem solving, and encourage transnational collaboration;

f)   That this activity is of interest to the Rapporteur Group on Issues Related to Internet Resources;

g)   That this proposed collaboration will positively contribute to the Working Group on Policy and Regulatory Considerations,

NOTING:

That the topics suggested by the Internet Society for the seminar involve issues capable of generating a significant impact in the Americas and which are within CITEL's PCC.I mandate,

BEARING IN MIND:

That a Seminar examining the policy and technical issues concerning the Internet Access Ecosystem and Network Neutrality in the Americas is both relevant and timely,

RESOLVES:

1.   To hold a Seminar on "The Internet Access Ecosystem and Network Neutrality" the day before of one of the following PCC.I meetings in 2010, jointly offered and organized by the Internet Society and the PCC.I. The attached Annex offers a possible description of said Seminar in order to start planning it.

2.   To appoint Mr. Oscar Messano as Coordinator representing the PCC.I.

3.   That this Seminar will be held without using CITEL's financial resources.

DRAFT AGENDA

a)   The Internet Access Ecosystem
- Socio-economic factors
- Technical capacity building
- Infrastructure
- Policy and regulatory frameworks.

b)   Network Neutrality
- Technical issues
- Policy and regulation
- User centricity

PCC.I/RES. 150 (XIV-09) [10]

INTERNATIONAL INTERNET CONNECTIVITY

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

CONSIDERING:

a)   That PCC.I observes that there are varying mechanisms to encourage infrastructure development, financing/subsidization, and investment in communications infrastructures as components that facilitate connectivity, particularly international Internet connectivity (IIC), and assist in economic development;

b)   That PCC.I acknowledges that the development of Internet Exchange Points (IXPs) are a component of IIC;

c)   That PCC.I adopted Recommendation PCC.I/REC.2 (XII-08) on the implementation of IPv6 and that consensus exists regarding the need to take the steps necessary for the deployment of IPv6 in an orderly and efficient manner,

RECOGNIZING:

a)   That IXPs are a critical component of IIC, are important for national infrastructure development, and that IXPs allow greater connectivity within one's country, within a given region, and globally, reducing IIC costs and increasing inter-country, inter-regional, and global traffic flows;

b)   That CITEL Member States adopted Recommendation PCC.I/REC. 2 (XII-08) on the implementation of IPv6 and recommended:

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[10] CCP.I-TEL/doc. 1696/09

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1.   That the Member States, in conjunction with the private sector and the academic sector, carry out activities to promote IPv6 in their respective countries;

2.   That actions are carried out in coordination with the private sector and the academic sector in order to achieve the deployment of IPv6 so as to fulfill the eLAC2010 goals. "

RESOLVES:

1.   To inform the ITU-T Study Group 3 meeting (Kampala, Uganda, 21-25 September 2009), about the importance of:

      a)   International Internet Connectivity (IIC) to infrastructure development and its economic importance for the Member States participating at the XIV meeting of PCC.I;

      b)   The importance of the development/build-out of Internet exchange points (IXPs), as one of the mechanisms for lowering the cost of IIC I for the Member States participating at the XIV meeting of PCC.I;

      c)   That the early deployment and uptake of Internet protocol version 6 (IPv6) is important for the Member States participating at the XIV meeting of PCC.I, noting Recommendation PCC.I/REC. 2 (XII-08) on the implementation of IPv6 that recommended that actions should be taken by Member States in conjuntion with the prívate sector to promote and deploy IPv6.

2.   To submit the work that PCC.I is engaged in with respect to these issues:

      a)   the presentation on IPv6 included in document CCP.I-TEL/doc. 1613/09 from LACNIC: Tutorial on IPv4 Consumption and Transition to IPv6 LACNIC Campaign Latin America and the Caribbean in IPv6 (1/1/11) that was submitted and presented by LACNIC to the XIV meeting of PCC.I; and

      b)   Recommendation PCC.I/REC. 2 (XII-08) on the implementation of IPv6.

REQUEST THE EXECUTIVE SECRETARY OF CITEL:

To send this Resolution and its attachments to the Director of the Standardization Bureau of the International Telecommunication Union so that he presents it to the ITU-T Study Group 3 so that they will be considered at the ITU-T Study Group 3 meeting and workshops in Kampala, Uganda, 21-25 September 2009.

PCC.I/RES. 151 (XIV-09) [11]

PORTAL FOR SHARING INFORMATION ON FRAUD AND SECURITY ISSUES IN NETWORKS OF THE AMERICAS REGIONS

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

CONSIDERING:

a)   That fraud affects every operator and potentially any user of telecommunications systems, having a negative impact on the image of the sector;

b)   That in the modern context of network convergence, new forms of telecommunication fraud are expected to arise and it is necessary to study them and issue policies that minimize their effect;

c)   That fraudsters are becoming more creative every day in the way they take advantage of telecommunications networks in order to commit other types of frauds;

d)   That the Francisco José de Caldas District University, a CITEL Regional Training Center, via document CCP.I-TEL/doc. 1654/09, has proposed the creation of a portal to help minimize the impact of fraud in the region. The portal will offer certain services such as chat, restricted access to information, access to information on workshops, publicity of events on fraud related issues, network security and theft of telecommunications infrastructure;

e)   That fraud control minimizes the impact of fraud when all actors share very near to real time information enabling them to react quickly to such situations,

RESOLVES:

1.   To accept the proposal of the Francisco José de Caldas District University to create an interactive portal on one of their servers to share information on fraud related issues, network security and theft of telecommunications infrastructure. This will enable the sector to receive basic information on the subject, serving as a work tool for those involved in the telecommunications sector.

2.   To instruct the coordinator of Fraud Control in Telecommunications Services and the Secretariat of CITEL with the coordination of specific agreements with the University that facilitate the free use of their resources.

3.   To instruct the coordinator of Fraud Control in Telecommunications Services with presenting the webpage design at the next meeting of PCC.I.

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[11] CCP.I-TEL/doc. 1707/09

SUPPORT FOR THE PROJECT ON CREATION OF THE "TELEHEALTH NETWORK OF THE AMERICAS"

The XIV Meeting of Permanent Consultative Committee I: Telecommunications**,**

HAVING SEEN:

a)   That at the Second Summit of the Americas, the Heads of State and Government underscored that countries should identify existing and emerging matters through greater use of communication technology and health surveillance, and that the Third Summit of the Americas held in Quebec, Canada, accorded particular importance to telemedicine;

b)   That Resolution CCP.I/RES. 24 (III-03) approved the Book on "Telemedicine in the Americas," which was jointly prepared by PCC.I, the Telecommunication Development Bureau of the International Telecommunication Union (ITU/BDT), the Pan-American Health Organization (PAHO) and the Latin American Association of Research Centers and Telecommunication Enterprises (AHCIET),

BEARING IN MIND:

a)   The submission of the project **"**Telehealth Network of the Americas**,"** which is a proposal for integration; joint work and collaboration among governmental institutions, medical schools, hospitals, international organizations and NGOs, to which each actor brings their experience and expertise to help those in need, regardless of their location and situation in the region;

b)   That this project gives particular attention to aspects to do with content, procedural guidelines, standards and interoperability of measures rather than to equipment and its connectivity options,

UNDERSCORING:

a)   That the overriding objective of the Project "Telehealth in the Americas" is to create a telehealth network in the Region in which successful experiences are brought together, local initiatives with potential for region-wide implementation are strengthened, existing apparatus and connectivity can be harnessed and essentially capitalize on the contents and diagnostic appraisals of professionals, health services, and the region's hospitals willing to join the Network;

b)   That this project will enable vulnerable populations to benefit both economically and geographically, strengthening continuous education processes through discussion clinics, diagnostic collaboration between health professionals and long distance learning strategies that utilize information and communications technology (ITC) amongst peers;

c)   That the creation of this network in the region will enrich, strengthen and benefit continual updating of the publication OAS/CITEL / ITU / PAHO / AHCIET "Telehealth in the Americas" published in 2003,

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[12] CCP.I-TEL/doc. 1687/09 rev.1

RESOLVING:

1.   To support the Project on creation of the "Telehealth Network of the Americas" set out in the annex to this Resolution.

2.   To request support from the administrations of CITEL Member States in linking their respective countries to the project.

3.   To designate Mr. Marcelo Petrich, of the Administration of Argentina, as coordinator of activities to be carried out within the framework of the project.

4.   To present a work plan for the project's implementation to the XV meeting of CCP.I that includes information on the resources required.

5.   To underscore that the project will be carried out without recourse to the CITEL budget.

4.   To instruct the CITEL Executive Secretary to carry out relevant coordination within OAS, the ITU and other health-sector bodies from the inter-American system in order to gain support for the project implementation.

ANNEX TO RESOLUTION PCC.I/RES. 152 (XIV-09)

TELEHEALTH NETWORK OF THE AMERICAS PROJECT

I.   PROPOSAL DETAILS

1.   Name: Telehealth Network of the Americas

2.   Presented by: Argentina

3.   Beneficiary countries

All OAS Member States will be invited to participate in the project.

II.   EXECUTIVE SUMMARY

Project Description:

The "Telehealth Network of the Americas" project is a program for integration, joint work and collaboration among government institutions, medical schools, hospitals and NGOs, to which each actor brings their experience and expertise, forming a solid and experienced work group serving those in need, regardless of their location and situation.

It gives particular attention to aspects to do with content, procedural guidelines, standards and interoperability of measures rather than to equipment and its connectivity options, and is conscious that the most important part of the network are the nodes that make it up and its academic commitment to meeting objectives, rather than the budget available for equipment.

In the same way we believe that the involvement of local actors, international bodies, government institutions, medical schools, hospitals and civil society, means the way in which this type of project will operate and develop can be considered with more confidence, where its concrete actions will be appreciated over the medium and long term.

We have been able to observe important projects of this type in the region and in our own countries dependent on a single institution. During moments of political or economic instability, its priority and importance in local agendas suffer.

Objectives:

The general objective of the "Telehealth Network of the Americas" project is, as its name suggests, to create a telehealth network in the region in which successful experiences are brought together, local initiatives with potential for region-wide implementation are strengthened, existing apparatus and connectivity can be harnessed and essentially capitalize on the contents and diagnostic appraisals of professionals, health services and the region's hospitals willing to join the Network.

Optimizing existing equipment, spreading awareness of best practices, and learning from mistakes enables us to develop, embed and operate an integrated telehealth system supported by information technology that aims to improve and expand health service delivery via national, regional and international telehealth networks.

Without doubt this will enable vulnerable populations to benefit both economically and geographically, strengthening continuous education processes through discussion clinics, diagnostic collaboration between health professionals and long distance learning strategies that utilize ITC amongst peers.

Specific Objectives:

- Identify best local practices of each country in the region, based on the CITEL publication "Telehealth of the Americas".

- Identify, call upon and integrate the various local and regional actors in the field in order to establish a specific work group.

- Integrate and coordinate regulatory aspects, technical protocols, doctors, clinics, ethics and legalities in domestic environments, to establish measures comparative with existing indicators established by international bodies, OAS/CITEL, ITU, PAHO, WHO, amongst others in their distinct committees. This allows the "Telehealth Network of the Americas" to lay the foundation for the preparation of an interoperability manual on the subject, covering all the aforementioned indicators.

- Develop general and diagnostic guides for each specialty and their prevailing pathologies, in order to pre-establish clinical parameters for the approach of due treatments.

- Develop a technological platform for secondary consultations, computerized patient record system (CPRS) and collaborative work between health professionals.

- Prepare procedure manuals and operating standards for telemedicine equipment, videoconferencing, remote telemedicine doctors, operating guides, and equipments to be homologated.

- Regarding connectivity, the intention is to prepare a Connectivity Guide where the various options offered by the market in each country can be analyzed (IP, ISDN, satellites), from its fixed-line, mobile and cellular phone options in every form. This enables the setting of Recommendation criteria for the utilization of each option and the best performance level that can be expected from the connectivity being used.

- Involve and integrate lecturers, hospital managers and experts of various medical specialties in order to form the network´s own team of experts who can respond and complete secondary consultations.

- Collaborate and participate together with local governments and health and communications ministries in the Preparation and Training of the population regarding access to prevention programs and health service delivery supported by the telemedicine network and medical groups, as well as to medical groups and health professionals.

- Encourage and promote the design of preventative health measures and provide the platform with special programs linked to health problems specific to each region (dengue fever, chagas disease, etc).

- Create a portal that publicizes advances in the field containing information on specific areas; secondary diagnostic consultations, continuous tele-epidemiology education and aspects and advances related to Basic and Clinical Research. The portal looks to promote the integration of all health and educational bodies in the country as well as promoting interaction between health professionals.

- The creation of this network in the region will enrich, strengthen and benefit the ongoing updating of the OAS/CITEL / ITU / PAHO / AHCIET publication "Telehealth in the Americas" published in 2003.

Aims:

The aims of the project are defined by stages.

1. The First Stage involves evaluation and identification of best local practices in each country in the region, based on the OAS/CITEL / ITU / PAHO / AHCIET publication "Telehealth in the Americas".
2. The Second Stage will integrate, coordinate and shape the "Telehealth Network of the Americas" and development of the telehealth network of the Americas portal covering secondary diagnostic consultations, continuous education, tele-epidemiology and basic and clinical research.
3. The Third Stage covers the preparation and training of the population regarding access to prevention programs as well as to medical groups and health professionals.
4. The Fourth Stage

    4.1   General and diagnostic guides for each specialty and their prevailing pathologies.
    4.2   Preparation of procedure and operating standards manuals.
    4.3   Connectivity guide.
    4.4   Develop a technological platform for secondary consultations, computerized patient record system (CPRS) and collaborative work between health professionals.
    4.5   Formation of the network's own team of health and clinical experts.

5. The Fifth Stage; revision and updating of the OAS/CITEL / ITU / PAHO / AHCIET publication "Telehealth in the Americas".

Principal Beneficiaries:

Principal beneficiaries include people, individuals or populations who find themselves living in vulnerable situations either as a result of physical, economic or geographical circumstances and cannot access services that deliver health promotion, prevention or secondary diagnostic consultations approved by teaching staff from medical schools.

At the same time the health professional community will have a tool for accessing continuous education, a means of interaction with other colleagues and access to collaborative work carried out amongst peers.

This will without doubt result in a better qualified professional that isolated populations lack and are unable to access any other way.

Expected Results:

The intention of this project is to identify and maximize telehealth activities in America that make a genuine impact in their field and are carried out in line with cooperative and inclusive working approaches. It serves as a medium for optimizing efforts, without superimposing strategies, and therefore achieves maximum success over the medium and long term.

The secret to these programs is for them to be sustainable, to stand the test of time and to outlive administrations. Ideally they should last beyond the various political changes in institutions that occur in our countries.

In this sense we believe that the mixed administration model is a very good resource, as well as the analysis of strategies and policies that help favor access to knowledge networks, various platforms and solutions, and therefore work towards reducing the social divide that will undoubtedly reduce the digital divide.

Sustainability

The institution proposing the project, together with counterpart institutions from countries making up the telehealth network that belong to OAS Member States, will look to mobilize appropriate mechanisms to provide participant countries with sufficient institutional capacity to channel national and international funds that serve to sustain the project.

Equally, the project proposes to promote the drafting and implementation of government policies in order to enhance the project sustainability. It also intends to announce results at high level meetings and forums in order to improve awareness of commitments made by different sectors directly and indirectly related to the project objectives. Likewise, sub-regional bodies will be involved during the project implementation process in order to contribute to its sustainability within their respective regions.

**WORKSHOP ON DEVELOPMENT OF ICT FOR AREAS AND GROUPS WITH
UNATTENDED NEEDS OR WITH SPECIFIC ISSUES**

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

RECOGNIZES:

a)   That the new techniques and convergence in Information and Communications Technologies (ICT) have brought about new and important opportunities to help contribute in the progress of populations that fall within the mandate of the Working Group on Development;

b)   That it is necessary to debate and reach consensus in order to elaborate a Recommendation on the best practices to develop ICTs in indigenous populations within the region of the Americas,

RECOGNIZES FURTHER:

a)   That the Work Plan of the Working Group establishes the creation of a Workshop on Development Policies for the Populations that fall within the mandate of the Group, to take place during the XV Meeting of the PCC.I;

b)   That the Administration of Argentina is currently analyzing the possibility of conducting a Seminar devoted to Indigenous Communities at the same time as the PCC.I Meeting;

c)   That the Indigenous Communities are perfectly identified among the populations that fall within the Mandate of the Working Group;

d)   That the possibility of conducting, at the same time, a Seminar on Indigenous Communities, will provide an opportunity for the stakeholders to whom the tasks of the Rapporteur´s Group for developing ICTs in areas and groups with unattended needs or with specific issues is aimed at and will be able to directly receive part of these results,

CONSIDERING:

That a Workshop would be of enormous value, at this moment in time, to explore different development opportunities; to identify strategies to approach the problems these populations face which could be deeply impacted by the development of ICT; to identify the potential roles and responsibilities of the telecommunications regulatory bodies and of government so as to promote standardized solutions,

RESOLVES:

1.   To carry out a Workshop on "ICT Development Policies for Areas and Groups with unattended needs or with specific issues" during the XV Meeting of the PCC.I in the time slots assigned to the Working Group on Development. The attached Annex provides a possible description of said Workshop as a means to begin with the planning phase.

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[13] CCP.I-TEL/doc. 1699/09 rev.1

2.	To appoint Mr. Christian Martínez, Rapporteur of the Rapporteur Group, as Coordinator on behalf of the PCC.I.

3.	That this Workshop will take place without the using CITEL´s financial resources.

4.	To request members to send their contributions, including examples of best practices in developing ICT in indigenous populations in the region of the Americas.

ANNEX TO RESOLUTION PCC.I/RES. 153 (XIV-09)

DRAFT AGENDA

WORKSHOP ON DEVELOPMENT OF ICTs FOR AREAS AND GROUPS WITH UNATTENDED NEEDS OR WITH SPECIFIC ISSUES

- Opening speech by the Presidency of the Working group.
- Opening speech by the Coordinator of the Seminar on Indigenous Communities (tentative)
- Presentation by the Rapporteur of the different tasks carried out.
- Presentation by the Co-Rapporteurs of the document on Best Practices to develop ICT in indigenous populations in the region of the Americas.
- Start the debate on the previous document.
- Presentation of a complementary document to the previous one, which includes information contributions on practices in the region.
- Start of the debate on the previous document.
- Conclusions and Recommendations.
- End of Workshop.

PCC.I/RES. 154 (XIV-09) [14]

INFORMATION SYSTEM ON MOBILE COVERAGE IN THE AMERICAS

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

CONSIDERING:

a)	That in the Declaration of Commitment of Port of Spain of the V Summit of the Americas, held in Port of Spain, Trinidad and Tobago, in April 2009, the Heads of State considered that the need to reduce the digital divide in and among the nations of the Americas is one of the conditions required to reach the internationally agreed development objectives; and they renewed their commitment to collaborate with regional, sub-regional, and multinational agencies in order to make progress in developing the information society;

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[14] CCP.I-TEL/doc. 1705/09

b)   That the Rapporteur´s Group on the development of Information and Communications Technologies (ICT) for areas and groups lacking attention o with specific situations has the mandate to gather, study, and hand out information on the best practices and experiences in the region regarding attention provided to indigenous people and communities, disabled people, and areas and groups lacking attention, in order to set out action priorities within the scope of the activities carried out by the Working Group on Development;

c)   That the mandate of the Working Group on Development is to identify specific actions aimed at solving the digital divide and the universal use of the ICT, that facilitate the development of network infrastructure, access to new services, technology transfer and knowledge, particularly for developing countries and primarily taking into account the needs of vulnerable groups and indigenous communities;

d)   That the Regulatory Body of Private Investment in Telecommunications (OSPITEL), the telecommunications regulatory body of the Peruvian Government, has developed the "Mobile Coverage Information System" using Web 2.0 tools, which provides georeferenced information on mobile telephone coverage within Peruvian territory. This tool will be available for users within Peruvian territory;

e)   That said information system is able to effectively disseminate the coverage provided by various mobile phone service companies within the territory of a nation and to allow users to participate by providing relevant information on available services in remote areas;

f)   That the aim of the "Mobile Coverage Information System" is to provide enhanced and on-going supervision and verification of service availability and quality, to promote competition within the sector, the use of mobile services in remote areas, as well as other additional benefits such as its use in emergency situations, and to help boost tourism and trade; all of which are consistent with the objectives of CITEL;

g)   That the implementation of this system will enable users to have visual and interactive information of mobile communication services available in several areas as well as provide the users´ insight of said services;

h)   That the Peruvian delegation, through OSIPTEL, has left at the disposal of CITEL the "Mobile Coverage Information System" so that it may be used by those administrations that request to do so,

RESOLVES:

1.   To accept the contribution of the Peruvian Administration of placing at the disposal of the CITEL the "Mobile Coverage Information System," that can be found in document CCP.I-TEL/doc. 1657/09, so that it may be used by those administrations that request to do so, while indicating that it is a tool has been developed by OSIPTEL.

2.   To thank the Peruvian Administration for this highly valuable contribution to all member States.

3.   To disseminate the "Mobile Coverage Information System," through the CITEL´s web page and electronic bulletin, so that all Member States may become familiar and use this system.

INSTRUCTS THE CITEL SECRETARIAT:

1.   To send a note thanking the Peruvian Administration for its generous offer.

2.   To make the necessary arrangements so that Member States may access the "Mobile Coverage Information System."

PCC.I/RES. 155 (XIV-09) [15]

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

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

RESOLVES:

1.   To hold the XV Meeting of the Permanent Consultative Committee I: Telecommunications on September 29 to October 2, 2009 in Bariloche, Argentina.

2.   To adopt the Draft Agenda for the XV Meeting of PCC.I attached to this Resolution.

ANNEX TO RESOLUTION PCC.I/RES. 155 (XIV-09)

DRAFT AGENDA

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)

4.   Agenda, venue and date for the XV Meeting of PCC.I.

5.   Approval of the Final Report.

6.   Other Business.

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[15] CCP.I-TEL/doc. 1704/09 cor.1

DETAILED DRAFT AGENDAS OF WORKING GROUPS

WORKING GROUP ON TECHNOLOGY (WGT)

1.   Approval of the Agenda.

2.   Report of the activities of the Working Groups since the last Meeting.

3.   Allocation of Contributions to Rapporteur Groups.

4.   Meeting and Report of the Rapporteur Groups:

    4.1   Meeting of the Rapporteur Group on Standards Coordination.
    4.2   Meeting of the Rapporteur Group on Network Infrastructure.
    4.3   Meeting of the Rapporteur Group on Advanced Services.

5.   Other Business.

6.   Adoption of the Final Report.

7.   Conclusion of the meeting.

WORKING GROUP ON POLICY AND REGULATORY CONSIDERATIONS (WGPRC)

1.   Approval of the agenda.

2.   Meeting and Reports of the Rapporteur Groups:

    2.1   Rapporteur Group on Issues regarding Internet Resources.
    2.2   Rapporteur Group on Economic Aspects of Telecommunications.
    2.3   Rapporteur Group on Cybersecurity and Critical Infrastructure.
    2.4   Rapporteur Group on Mutual Recognition Agreement (MRA) for conformity assessment of telecommunications equipment and Conformity Assessment Procedures (CAPs).

    ### MUTUAL RECOGNITION AGREEMENTS

    1.   Welcoming of participants.
    2.   Presentation and approval of the draft agenda.
    3.   Report of the last meeting.
    4.   Presentation by Member States of the current status of regulations and procedures for using the plan for implementing phase I of the MRA.
    5.   Discussion regarding:
        a.   MRA-related training.
        b.   File with compilation of information generated by the implementation.
    6.   Information on international activities.
    7.   Draft agenda for the next meeting.
    8.   Other business.

CONFORMITY ASSESSMENT PROCEDURES

1. Welcoming of participants.
2. Presentation and adoption of the draft agenda.
3. Explanation of the contents of the Yellow Book.
4. Draft agenda for the next meeting.
5. Other business.

2.5 Rapporteur Group on Convergence.

2.6 Rapporteur Group on Preparation for the World Telecommunication Standardization Assembly (WTSA) and World Conference on International Telecommunications (WCIT).

3. Regional Infrastructure and Interconnection Seminar.

4. Other business.

5. Approval of the report of the Working Group.

WORKING GROUP ON NETWORK OPERATION AND SERVICE PROVISIONING (WGNOSP)

1. Approval of the draft agenda and schedule.

2. Report and Meeting of the Rapporteur Groups:

    2.1 Rapporteur Group on the Impact of New Services:

    -   Evaluation of work carried out by the Rapporteur group.
    -   Evaluation of the group's work plan.

    2.2 Rapporteur Group on Network Interconnection and Interoperability:

    -   Follow-up of project activities regarding the project of the initiative on the development of international roaming services in the Americas region.
    -   Evaluation of the Rapporteur Group's work plan.

    2.3 Rapporteur Group on Fraud Control in Telecommunication Services:

    -   Organize the 4th Workshop on "Fraud in telecommunication services: towards appropriate legislation, regulation and control in the fight against fraud".
    -   Send out the new questionnaire on "Updates on fraud-related issues in the region" in order to update the information from the previous questionnaire.
    -   Gather information from the questionnaire up to the date of the XV meeting of PCC.I.
    -   Present report on the status of the information gathering process.
    -   Evaluation of the Rapporteur Group's work plan.

    2.4 Rapporteur Group on Numbering and Addressing:

    -   Present proposal for the Technical Notebook on Electronic Numbering (ENUM).

- Update, revision and control of the Technical Notebook on Number Portability.
- Preparation of the document on best practices for numbering plans.
- Evaluation of the Rapporteur Group's work plan.

3.   Report of the meeting.

4.   Other business

WORKING GROUP ON DEVELOPMENT (WGD)

1. Approval of the meeting's agenda.

2. Report and Meeting of the Rapporteur Groups:

     2.1   Rapporteur Group on development of ICTs in zones and groups that are neglected or with certain problems.
     2.2   Rapporteur Group on scientific and technological research and technology transfer.
     2.3   Topic: Current general information on projects and initiatives in ICTs.
     2.4   Rapporteur Group on use of telecommunications in the prevention and mitigation of disasters.

3. Workshop on "Best Practices in the Application of ICTs for the Development of Indigenous Peoples of the Americas Region."

4. Report on the development status of technological research and development and technology transfer applied to ICTs in the Americas.

5. Report on best practices for the mitigation of disasters in the region.

6. Report on the meeting.

7. Other business.

PCC.I WORK PLAN FOR 2008-2010

The XIV Meeting of Permanent Consultative Committee I: Telecommunications,

CONSIDERING:

a)   The Strategic Plan for 2006-2010 approved by the IV Assembly of CITEL, in Resolution CITEL RES. 52 (IV-06);

b)   The need to assess compliance with the CITEL Strategic Plan as requested in Resolution COM/CITEL RES. 161 (XIII-03) "Addition of Performance Parameters or Indicators to CITEL Strategic Plans" and Decision COM/CITEL DEC. 66 (XX-08),

RESOLVES:

1.   To approve the work plans of PCC.I attached.

2.   To assess the results of and revise these work plans annually.

3.   To revoke Resolution CCP.I/RES. 144 (XIII-08).

ANNEX TO RESOLUTION PCC.II/RES. 156 (XIV-09)

1.   WORKING GROUP ON TECHNOLOGY

1.1   Rapporteur Group on Standards Coordination

Work Plan:

XIV PCC.I Meeting (2009)

a)   Assess progress on security standards and create Standards Coordination Documents (SCDs), as appropriate.
b)   Assess progress on Identity management standards and create Standards Coordination Documents (SCDs), as appropriate.
c)   Assess progress on IPTV standards and create Standards Coordination Documents (SCDs), as appropriate.
d)   Update the Technical Notebook, "Next Generation Networks – Standards Overview" with standards work on new technologies discussed.

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[16] CCP.I-TEL/doc. 1703/09

XV PCC.I Meeting (2009)

a) Review status of the standards related to IPTV and create SCDs, as appropriate.
b) Review status of the standards related to Identity management and create SCDs, as appropriate.
c) Review status of Home Networking standards.
d) Review status of Service Oriented Networks standards.
e) Update the Technical Notebook, "Next Generation Networks – Standards Overview" with standards work on new technologies discussed.

XVI PCC.I Meeting (2010)

a) Assess progress on Emergency communications and draft the relevant SCDs.
b) Assess progress on Identity Management and draft the relevant SCDs.
c) Review status of the NGN Application/Service standards and draft the relevant SDCs.
d) Update the Technical Notebook, "Next Generation Networks – Standards Overview" on the basis of new technologies discussed.

XVII PCC.I Meeting (2010)

a) Review status of Mobility standards and create SCDs, as appropriate.
b) Review status of QoS standards and create SCDs, as appropriate.
c) Update the Technical Notebook, "Next Generation Networks – Standards Overview" with standards work on new technologies discussed.

1.2   Rapporteur Group on Network Infrastructure

Work Plan:

XIV PCC.I Meeting (2009)

a) Start up work for the Technical Notebook on Network Infrastructure on NGN.
b) Update Technical Notebook on Broadband Access Technologies.
c) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.
d) Continue developing the Technical Notebook on Power Line Communication (PLC) Technology.

XV PCC.I Meeting (2009)

a) Evaluate and update Technical Notebook on Network Infrastructure on NGN.
b) Continue to study the different access technologies and update Technical Notebook on Broadband Access Technologies.
c) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.
d) Continue drafting the Technical Notebook on Power Line Communication (PLC) Technology.
e) Reassess the work plan.

XVI PCC.I Meeting (2010)

a) Assess progress in NGN infrastructure security.
b) Update Technical Notebook on Network Infrastructure on NGN.
c) Update Technical Notebook on Broadband Access Technologies.

d) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.
e) Update Technical Notebook on Power Line (PLC) Technology.

XVII PCC.I Meeting (2010)

a) Assess current trend of network infrastructure.
b) Review status of network technologies.
c) Update Technical Notebook on Network Infrastructure on NGN.
d) Update Technical Notebook on Broadband Access Technologies.
e) Update Technical Notebook on Best Practices and Cases of Next Generation Networks.
f) Continue drafting the Technical Notebook on Power Line Communication (PLC) Technology.

1.3 Rapporteur Group on Advanced Services

Work Plan:

XIV PCC.I Meeting (2009)

a) Update the Technical Notebook on "Study on characteristics of voice-based networks using IP" and consider the possibility of terminating this document and the distribution to CITEL members.
b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology and prepare a final inform outlining the conclusions of this effort and the need for more contributions.
c) Assess the evolution of advanced services and propose studies on those services most widely deployed.
d) Review status of the convergence of fixed and mobile technology and their related advanced services.

XV PCC.I Meeting (2009)

a) Update the Technical Notebook on "Study on characteristics of voice-based networks using IP."
b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.
c) Continue with the assessment of the evolution of advanced services and propose studies of those services most widely deployed.
d) Review status of the convergence of fixed and mobile technology and their related advanced services.

XVI PCC.I Meeting (2010)

a) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.
b) Assess the results of the XV PCC.I meeting and present progress made so far.
c) Continue with the assessment of the evolution of advanced services and propose studies of those services most widely deployed.
d) Review status of the convergence of fixed and mobile technology and their related advanced services.
e) Start up studies on the implementation of emergency services in the region's countries.
f) Promote workshops on advanced services, which shall be delivered by service providers.

XVII PCC.I Meeting (2010)

a)   Update Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology and consider the possibility of completing this activity.
b)   Assess the results of the XV PCC.I meeting and present progress made so far.
c)   Continue with the assessment of the evolution of advanced services and propose studies on those services most widely deployed.
d)   Promote workshops on advanced services, which shall be delivered by service providers.
e)   Reassess current Work Plan based on new developments in telecommunications and propose a new work plan if necessary.
f)   Follow up on the work of ITU-T Study Group 13 about the definition of advanced services.

2.   WORKING GROUP ON POLICY AND REGULATORY CONSIDERATIONS

2.1   Rapporteur Group on issues relative to Internet resources

Work Plan:

XV Meeting of PCC.I (2009)

On the day before the start of the XV Meeting of PCC.I a seminar will be held on Regional Infrastructure and Interconnection.

At the meeting it is expected that documents will be submitted on matters connected with:

LACNIC
*   Capacity building in network security in the LACNIC region.
*   Conclusions of the Regional Interconnection Forum NAPLA 2009.
*   IPv6 Statistics Update

ISOC
*   Internet access.
*   IXPs.
*   Internet standards.
*   Next generation networks and Internet.
*   How to preserve the user centric Internet.
*   Internet ecosystem.

LACTLD
*   Domain names, project close.
*   Market developments.
*   Delegation policy.
*   Dispute Resolution.
*   Anti-phishing measures.

ICANN
*   Report on the ICANN Meeting in Sydney and the new gTLDs.
*   "Introduction of New Generic Top-Level Domains (new gTLDs)"; "Internationalized Domain Names"; "Transition from IPv4 to IPv6".

XVI, XVII PCC.I Meeting (2009-2010)

a)   Continue with the update of ccTLDs in the region.
b)   Generate reports on the IP address block management situation in CITEL countries.
c)   Draft documents on regional policies.
d)   Issue reports on the follow up of ICANN activities.
e)   Follow up on the UN General Secretary Group for Internet Governance coordinated by the WG on Economic and Tariff Issues.

2.2   Rapporteur Group on Telecommunications Economic Aspects

Work Plan:

XV, XVI, and XVII PCC.I Meetings (2009-2010)

a)   Monitor economic aspects associated to Internet in the Americas (International Internet Connectivity and Traffic Flow Methodologies).
b)   Update the Technical Notebooks on the economic aspects related to power-line network utilization (PLC) for telecommunication service provision and financing mechanisms for telecommunication service provision to people with impaired capacities.
c)   Continue studying different economics aspects.

2.3   Rapporteur Group on Cybersecurity & Critical Infrastructure

Work Plan:

XV, XVI, and XVII PCC.I Meetings (2009-2010)

a)   Solicit further input from CITEL membership for the Technical Notebook to facilitate discussion of regulatory and policy aspects of cybersecurity.
b)   Explore possible regional best practices to develop a culture of cybersecurity in the Americas.
c)   Identify various frameworks for national action for cybersecurity in the Americas.
d)   Identify elements of existing national cybersecurity frameworks.
e)   Request further information from the CITEL Member States for the Technical Notebook to facilitate discussion of regulatory and policy aspects of critical infrastructure.
f)   Explore possible regional best practices to develop a culture of critical infrastructure in the Americas.
g)   Identify different frameworks for national action on critical infrastructure in the Americas.
h)   Identify elements of existing national critical infrastructure frameworks.

2.4   Rapporteur Group on Mutual Recognition Agreements and Conformity Assessment Procedures

Work Plan:

XIII, XIV, XV, XVI, and XVII PCC.I Meetings (2009-2010)

a)   Support all Member States in their MRA implementation efforts.
b)   Finish the Yellow Book on Telecommunication Equipment Conformity Assessment Processes in the Americas.
c)   Develop guidelines on conformity assessment policies and procedures aligned with ISO/IEC standards, appropriate for the possible application by CITEL Member States.
d)   Develop a cooperation Program with other regions on their conformity assessment processes, and propose suitable solutions for the CITEL Member States.

2.5   Rapporteur Group on Convergence

Work Plan:

XV, XVI, XVII PCC.I Meeting (2009-2010)

XV PCC.I Meetings (2009)

a)   Collect and analyze the information obtained by means of the surveys.
b)   Research and collect information on convergence and the regulatory frameworks and policies that they apply in domestic markets of countries other than CITEL members.
c)   Collect contributions on convergence from Member States, in accordance with the structure of the technical notebook approved by PCC.I.
d)   Submit status reports at the next PCC.I meetings.

XVI / XVII PCC.I Meetings (2010)

a)   Submit a progress report on contributions produced by Member States on: Background; Definition of Convergence; Relevant Aspects of Convergence; Technology Matters; Experiences and Best Practices in Convergence; and Regulatory environment.
b)   Submit a report on the information obtained through the surveys.
c)   Evaluate and program the group activities and work plan.
d)   Prepare and submit the final report on the studies, which will include proposals and guidelines on convergence regulatory framework and policies.

2.6   Rapporteur Group for the Preparation of WTSA and WCIT

Work Plan:

XV, XVI, and XVII PCC.I Meetings (2009-2010)

World Telecommunication Standards Assembly

a)   Consider the reports from Study Groups and ITU's Telecommunication Standardization Advisory Group in order to identify issues of interest to the region.
b)   Establish a discussion group in the electronic forum to receive contributions on the subject from Member States and Associate Members.
c)   Follow up on regional activities (APT, CEPT, RCC, etc.) that take place as preparatory steps for WTSA.
d)   Propose and approve the IAP's to be presented at the WTSA.
e)   Review the results of the WTSA.

World Conference on International Communications

Consider the results of the Plenipotentiary Conference 2006 and the work being done in the International Telecommunication Union (ITU) and coordinate Common Inter-American Proposals, as applicable.

3. WORKING GROUP ON NETWORK OPERATION AND SERVICE PROVISIONING (GNOSP)

3.1 Rapporteur Group on the Impact of New Services

Working Plan for XV PCC.I Meeting (2009):

1. Evaluation of the work of this Rapporteur Group.
2. Plan activities to be carried out under the next PCC.I administration

3.2 Rapporteur Group on Interconnection and Interoperability of Networks

Working Plan for XV PCC.I Meeting (2009):

a) Follow-up on the activities for the draft initiative on development of international roaming services in the Americas.
b) Plan activities to be carried out under the next PCC.I administration.

3.3 Rapporteur Group on Fraud Control in Telecommunication Services

Working Plan for XV PCC.I Meeting (2009):

a) Hold the Fourth Workshop on "Fraud in telecommunications services: Toward appropriate legislation, regulation and control for the fight against fraud**"**, (one day before or during the XV PCC.I Meeting).
b) Circulate the new questionnaire "Update on fraud in the region" in order to refresh the information obtained from the previous questionnaire.
c) Compile information from the questionnaire up to the holding of the XV PCC.I Meeting.
d) Submit a status report on information collected.
e) Plan activities to be carried out under the next PCC.I administration

3.4 Rapporteur Group on Numbering and Addressing

Working Plan for XV PCC.I Meeting (2009):

a) Submit a proposal for a technical notebook on Electronic Numbering (ENUM).
b) Update, review and control of the technical notebook on Number Portability.
c) Prepare a document on best practices in numbering plans.
d) Plan activities to be carried out under the next PCC.I administration

4. WORKING GROUP ON DEVELOPMENT

4.1 Rapporteur for developing ICTs in areas and groups with unattended needs or with specific issues, which will deal with the following study questions:
- **i.** **Indigenous peoples and communities.**
- **ii.** **People with disabilities.**
- **iii.** **Access to ICTs in areas or towns with unattended needs.**

Work Plan:

XIII PCC.I Meeting (2008)

Start-up of the compilation of information on national and international Recommendations, commitments, and parameters.

XIV PCC.I Meeting (2009)

Submittal of the compilation of information on national and international Recommendations, commitments, and parameters.

XV PCC.I Meeting (2009)

Holding of a Workshop on development policy for ICTs in areas and groups with unattended needs or with specific issues. Approval of a Recommendation on Best Practices.

XVI PCC.I Meeting (2010)

Initiation of a Technical Notebook on Best Practices applied to Development of ICTs for areas and groups with unattended needs or with specific issues.

XVII PCC.I Meeting (2010)

Issuance of Recommendations on public policies for development of ICTs in areas and groups with unattended needs or with specific issues.

XVIII PCC.I Meeting (2011)

Identification and study of possible projects applicable to development of ICTs in areas and groups with unattended needs or with specific issues that could be supported by CITEL and subscribed to by Member States.

XIX PCC.I Meeting (2011)

Submittal of projects and adoption of a Resolution of Support thereof calling on Member States to accede.

4.2   Rapporteur group on scientific and technological research and technology transfer

Work Plan:

b)   Reiterate to all member delegations the request for information on the topics of this Rapporteur Group.

c)   Complete the database submitted at the XII Meeting on the basis of information of the administrations and the information obtained by the members of the Rapporteur Group.

d)   Update information on science, technology and innovation organizations and institutions, as well as nongovernmental organizations (NGOs), networks, universities, technology centers and other organizations involved in the topics of this Rapporteur Group.

e)   With the representatives of the member countries, monitor the accuracy of the information supplied and the establishment of contacts for technical cooperation with the organizations mentioned in item c) above.

f)   Compile informative contributions from papers and initiatives produced by other organizations and institutions involved in scientific and technological research on telecommunications, which were submitted by the academic community at national and international congresses.

g)   Establish ties with other science, technology, and productive innovation organizations of member countries in order to ensure the update of information, especially with the Office of Education, Science and Technology of the Organization of American States.

h)   Support all members in their efforts to implement the search and subsequent transmittal of information.

i)   Set up, through CITEL's web page, an online discussion group to receive the contributions made by member States and associate members on this topic.

j)   Follow up on regional contents that develop activities related to scientific and technological research on telecommunications, for their subsequent inter-relation and coordination.

k)   Make progress in drawing up agreements between CITEL and other institutions of the continent that develop, compile, or articulate information related to current and future knowledge about ICT-related technological and scientific topics.

l)   Produce an interactive CD that can be updated and that brings together not only the databases stemming from the present Rapporteur Group, but also any other information that might reflect the progress made in cooperation and agreements implemented with other academic, scientific, and technological organizations and institutions. Make the CD available on CITEL's web site.

Actions

Activities	Date
Encourage the administrations to make contributions to the Rapporteur Group through the Discussion Group that has already been set up (item a).	XII Meeting of PCC.I
Identify the efforts made in other international organizations (item c). Promote agreement between CITEL and ALTEC (Latin American Association of Technological Management) (item j)	XIII Meeting of PCC.I
Items e), b), f), h).	XV Meeting of PCC.I
Items i), j), k).	XVI Meeting of PCC.I

Activities	Date
Culmination of activities (item k).	XVII Meeting of PCC.I
Final delivery of the CD.	XVIII Meeting of PCC.I

4.3   Question: General updated information on projects and initiatives related to ICT

Work plan:

Technical Notebook or Reference Document that holds up-to-date general information on projects and initiatives in information and communication technologies for development in Latin America and the Caribbean that are relevant and pertain to the topics and sectors identified in the present Working Group.

Specifically for the XV PCC.I Meeting, a report will be submitted on the results of the Americas Regional Preparatory Meeting (RPM) for the World Telecommunication Development Conference (WTDC) of the ITU.

4.4   Rapporteur Group on the use of Telecommunications for Disaster Relief and Prevention

Working Plan

Activities	Date
Encourage administrations to make contributions in the Rapporteur Group through the Discussion Group that has already been created.	XI and XII Meeting of PCC.I
Identify efforts made in other international organizations.	XI, XII and XIII Meeting of PCC.I
Structure the tables of contents of the Technical Notebook.	2 months before the XIV Meeting of PCC.I
Submit the Technical Notebook Index.	XIV Meeting of PCC.I
Submit the Technical Notebook with the index approved at the XIV Meeting.	XV Meeting of PCC.I
Permanently update the Technical Notebook	XVI and following meetings of PCC.I

4.5   Other initiatives related to WGD

Work plan:

XIII PCC.I Meeting (2008)

a)   Submit results of the questionnaire on the training needs of PCC.I.

b)   Submit proposals for workshops on topics of interest of the WGD.

XIV PCC.I Meeting (2009)

a)   Submit proposal to conduct a study that would make it possible to draw up policies to improve connectivity in the region.
b)   Hold workshops about topics of interest of the WGD.

XV PCC.I Meeting (2009)

Submit questionnaires and working documents for the purpose of furthering the study on policies to improve connectivity in the region.

XVI PCC.I Meeting (2010)

a)   Draw up a questionnaire that makes it possible to establish generally applied indicators and statistical definitions for the member States for the purpose of evaluating development-related telecommunication and ICT aspects.
b)   Hold workshops about topics of interest of the WGD.

XVII PCC.I Meeting (2010)

a)   Submit the results of the study on policies to improve connectivity in the region.
b)   Submit the results of the questionnaire on generally applied indicators and statistical definitions for the member States for the purpose of evaluating development-related telecommunication and ICT aspects.
c)   Draw up an information plan for the purpose of managing the indicators to evaluate development-related telecommunication and ICT aspects.

IV. DECISIONS

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

DECIDES:

CCP.I/DEC. 85 (XIV-09) [17]

1. To create a virtual discussion group within CITEL, using the tools available to the OAS, so the Working Group on Technology may consider issues related to the resources required for the evolution and development of new technologies and associated services from a technical point of view.

2. To make a report of the discussions carried out in the XV Meeting of PCC.I.

3. To appoint Mr. Guillermo Montenegro (gmontenegro@cnc.gov.ar), of the Argentine Administration, as the coordinator of the activities carried out in the forum who shall submit the report mentioned in item 2.

4. To call all PCC.I members, and particularly participants of the Rapporteur Group on Technology, to participate actively in the created forum.

5. To instruct the Secretariat of CITEL to implement the actions required to enable the tools from 22 May 2009 and that it serve as the OAS internal point of contact.

6. The forum participants will be able to access a distance learning course via the OAS education portal and if necessary a Web Conferencing session can be organized.

7. To request the Secretariat of CITEL to carry out the required procedures to provide parties interested in participating with the corresponding user name and password, which the coordinator will deliver by May 8, 2009

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[17] CCP.I-TEL/doc. 1702/09

CCP.I/DEC. 86 (XIV-09) [18]	To instruct the CITEL Secretariat to send the following technical notebooks to gather comments and contributions that will be incorporated and presented at the XV meeting of the PCC.I. - Technical Notebook 2: Study on Characteristics on voice based Networks using IP. Part I: Technical Aspects of VoIP (Coordinator: Mr. Jorge Zavleon) - Technical Notebook 5: Best Practices and case studies of Next Generation Networks (Coordinator: Ms. María Josefina Cano) - Technical Notebook 7: Aspects of Power Line Communication (PLC) Technology (Coordinator: Ms. María Josefina Cano) - Technical Notebook 13: Broadband Access Technologies (Coordinator: Mr. Oscar Avellaneda) - Davison Gonzaga da Silva) - Technical Notebook 14: Next Generation Networks Infrastructure (Coordinator: Mr. Davison Gonzaga da Silva) Comments and contributions must be sent to coordinators with a copy to the CITEL Secretariat.
CCP.I/DEC. 87 (XIV-09) [19]	To instruct the Executive Secretary of CITEL to distribute to the Member States the Table in Annex 1 of the document CCP.I-TEL/doc. 1579/09 "Critical telecommunication infrastructure protection threats questionnaire" requesting them to select the relevance for their country and add any comments or a new threat at the end of the list if so applicable.

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[18] CCP.I-TEL/doc. 1692/09 rev.1
[19] CCP.I-TEL/doc. 1579/09

PCC.I/DEC. 88 (XIV-09) [20]	1. To instruct the Executive Secretary of CITEL to distribute to CITEL Member States and Associate Members of the PCC.I the table of contents of Technical Notebook 9 on convergence, included in the annex (document CCP.I-TEL/doc. 1624/09).

2.   To revoke Decision PCC.I /DEC 81(XIII -08).

ANNEX TO DECISION PCC.I/DEC. 88 (XIV-09):

1.   Background
2.   Definition of Convergence
3.   Relevant aspects on convergence
      3.1   Policies to encourage the competition of services through the convergence of networks and services.
      3.2   Interconnection of networks and Interoperability of Services
      3.3   Numbering and identification systems.
      3.4   Economical aspects of convergence.
      3.5   Universal access.
      3.6   Service quality.
      3.7   Security and fraud.
      3.8   Consumer protection.
4.   Technological Issues
5.   Experiences and best practices of convergence
6.   Regulatory environment.

PCC.I/DEC. 89 (XIV-09) [21]	1. To instruct the CITEL Secretariat to send out the form in document CCP.I-TEL/doc. 1654/09 "PROPOSAL FOR THE QUESTIONNAIRE FOR STATES TO UPDATE THE FRAUD SITUATION IN TELECOMMUNICATION SERVICE PROVISION AND THE PHYSICAL SECURITY OF NETWORKS IN THE AMERICAS REGION" to associate members and administrations to be processed as per the attached schedule.

2.   To request Member States and partners to fill out the questionnaire and return it via email to the Rapporteur Group on Fraud Control in Telecommunications Services (giovani.mancilla@gmail.com) with copy to the CITEL Secretariat (citel@oas.org) by 1st August 2009 at the latest.

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

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

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[20] CCP.I-TEL/doc. 1688/09
[21] CCP.I-TEL/doc. 1706/09

PCC.I/DEC. 90 (XIV-09) [22]	To instruct the CITEL Secretariat to send the Technical Notebook on Number portability, included in document CCP.I-TEL/doc. 1680/09, in order to obtain comments and contributions that will be incorporated and presented at the XV meeting of the PCC.I. To request that this information be sent before August 1, 2009 to Notebook Coordinator, Mr. Walter Calil (calil@anatel.gov.br).
PCC.I/DEC. 91 (XIV-09) [23]	1. To instruct the CITEL Secretariat to create a Discussion Group at the CITEL Electronic Forum charged with preparing a questionnaire to carry out a study on policies to enhance connectivity in the region, as proposed in document CCP.I-TEL/doc. 1626/09.
	2. To appoint the Administration of the Republic of Ecuador as coordinator of the Discussion Group.
	3. To invite all the CITEL Member States and the Associate Members of the PCC.I to participate in the Discussion Group.
	4. To request the Discussion Group coordinator to present a report at the XV meeting of the PCC.I, based on the contributions provided by the Administrations and Associate Members of the PCC.I, with the corresponding proposals.
	5. To instruct the Executive Secretary of the CITEL to provide the necessary support in order to proceed with the adequate implementation of this Decision.

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[22] CCP.I-TEL/doc. 1690/09
[23] CCP.I-TEL/doc. 1689/09 rev.1

PCC.I/DEC. 92 (XIV-09) [24]	To instruct the CITEL Secretariat to send the table of contents of the Technical Notebook on the Use of Telecommunications for Disaster Prevention and Mitigation, found in the Annex of this Decision, requesting comments and contributions that will be incorporated and presented at the XV meeting of the PCC.I. Request that said information be sent before August 1, 2009 to Notebook Coordinator, Mr. Socrates Martinez (smartinez@indotel.org.do).

ANNEX TO DECISION PCC.I/DEC. 92 (XIV-09)

1.   Policies and regulations on disaster attention: world, regional and national.

2.   Initiatives, working groups related to disaster prevention and attention.

3.   Organizations linked to disaster attention.

4.   Organizations and Agreements (Tampere) pertaining to telecommunications in disaster cases.

5.   Experiences related to the use of telecommunications for disaster prevention and mitigation.

7.   Recommendations.

PCC.I/DEC. 93 (XIV-09) [25]	To instruct the CITEL Secretariat to reiterate the request contained in Decision COM/CITEL DEC. 66 (XX-08) to carry out a review of the objectives and duties of the CITEL, particularly of the PCC.I, as established in the 2006-2010 Strategic Plan, and to propose action priorities. Said contributions must be sent to the PCC.I Chair before the next PCC.I meeting.

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[24] CCP.I-TEL/doc. 1691/09 rev.1
[25] CCP.I-TEL/doc. 1693/09

V.   LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session and the First Plenary Session:	CCP.I-TEL/doc. 1684/09
Summary Minutes of the Second Plenary Session:	CCP.I-TEL/doc. 1712/09
Summary Minutes of the Third Plenary Session and Closing Session:	CCP.I-TEL/doc.1713/09 rev.1
List of Documents:	CCP.I-TEL/doc. 1564/09 rev.4
List of Participants:	CCP.I-TEL/doc. 1565/09 rev.1
Final Report for the Meeting	CCP.I-TEL/doc. 1714/09 rev.2