



ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission

**VI MEETING OF PERMANENT CONSULTATIVE
COMMITTEE I: TELECOMMUNICATION
STANDARDIZATION
April 11 to 14, 2005
Tegucigalpa, Honduras**

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FINAL REPORT

(Item on the Agenda: 5)

(Document submitted by the Drafting Group)

FINAL REPORT

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FINAL REPORT

VI MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE I: TELECOMMUNICATION STANDARDIZATION (PCC.I)

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization was held in Tegucigalpa, Honduras, April 11 to 14, 2005.

I. AGENDA¹

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 Standards Coordination
 - 3.2 Working Group on Advanced Network Technologies and Services
 - 3.3 Working Group on MRA and Certification Processes
 - 3.4 Working Group on Economic Aspects and Tariff Principles
 - 3.5 Working Group on Preparations for the World Telecommunication Standards Assembly
 - 3.6 Working Group on Preparations for the World Conference on International Telecommunications (WCIT)
4. Agenda, venue and date for the VI PCC.I Meeting.
5. Approval of the Final Report.
6. Other business.

II. AUTHORITIES OF THE MEETING

Chair: Mr. Felix Castro (Colombia)

Vice-Chair: Mr. Marcos Bafutto (Brazil)

Executive Secretary: Mr. Clovis Baptista

Drafting Group:

Chairperson: Mrs. Liesbeth Castro-Sierra (Honduras)

Members: Mr. William Davies (Canada)

Mrs. Sandra Rodriguez (Mexico)

Mrs. Elizabeth Cedillo (Mexico)

¹ CCP.I-TEL/doc. 570/05

III. RESOLUTIONS

PCC.I/RES. 67 (VI-05)²

ENDORSEMENT OF THE WORK OF ITU-D QUESTION 6/1 “REGULATORY IMPLICATIONS FOR NEXT GENERATION NETWORKS, IN PARTICULAR INTERCONNECTION-RELATED ISSUES”

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

- a) That the transition from Circuit Switched Networks to Packet Switched Network plays an important role in the implementation of converged voice/data/video and multi-service networks named Next Generation Network (NGN);
- b) That the ITU-D Study Group (SG-1) is studying issues related to these subjects in Question 6/1: “Regulatory Implications for Next Generation Networks, in particular interconnection-related issues “;
- c) That expected output from this questions is:
 - General regulatory aspects related to NGNs.
 - Specific interconnection aspects related to NGNs;
- d) That the mandate of the project group would be to produce best practice guidelines addressing the following key issues:
 - Identify the technical facilities operators that are required to provide and offer interconnection to new competitors in NGNs;
 - Describe the legislative and regulatory framework that would be needed to implement appropriate interconnection arrangements for NGNs;
 - Coordinate and intensify liaison with the ITU-T study group(s) dealing with NGN issues;
 - Address other regulatory issues such as:
 - SS7 signaling vs. IP addressing;
 - Switching and routing;
 - Service creation (network-centric vs. network- independent);
 - Clear demarcation vs. blurred boundary in circuit switched vs.IP network, user terminals and intelligence distribution;
 - Connection-oriented vs. non connection -oriented;
 - Numbering vs. names and addresses;
 - Migration to NGN networks;
 - Interoperability, mobility and roaming; and
 - Identifying Technical issues requiring consideration for NGN interconnection, the group shall address at least, but not necessary only, the following:
 - Interconnection architecture and location of interconnection points;
 - Technical interface functional requirements Signaling architecture;
 - Interconnection quality ;
 - Traffic measurement and routing procedures;
 - Numbering, charging, switching and routing for interconnection in a multiple-operator multiservice networking scenario with the increasing involvement of a single backbone network rather than single-service networks;

² CCP.I-TEL/doc. 641/05

- Technical network upgrading or modification to facilitate interconnection;
- Interconnection usage charges ;
- Inter-carrier billing;
- Management interface;
- Operation support between operators.

RECOGNIZING:

That CITELE Member States and Associate Members consider the development of adequate strategies and standardization for the Regulatory Implications for Next Generation Networks important, in particular Interconnection-Related Issues, in order to improve communications infrastructure, services and applications related to NGN,

RESOLVES:

1. To draw attention to the work of ITU-D Question 6/1 especially as it pertains to the CITELE PCC.I Working Group on Advanced Network Technology and Services (WGATS) and the Working Group on Standards Coordination (WGSC).
2. To stimulate contributions to the work in such a way as to assist the expected outcomes: “Regulatory Implications for Next Generation Networks, in particular interconnection-related issues.
3. To provide comments and study the outcomes of ITU-D Question 6/1 documents when appropriate.

RECOMMENDS:

1. That CITELE PCC.I invite Administrations to submit relevant contributions to ITU-D Question 6/1 “Regulatory Implications for Next Generation Networks, in particular interconnection-related issues “, in such way that the Rapporteurs of the Working Groups on Standards Coordination (WGSC) and the Working Group on Advanced Network Technology and Services (WGATS) follow and consider the progress reports of this question to CITELE PCC.I as appropriate.
2. That also whenever appropriate, the Working Group on Standards Coordination (WGSC) and the Working Group on Advanced Network Technology and Services (WGATS) of CITELE PCC.I be invited to provide comments and study the final outcomes of ITU-D Questions 6/1.

PCC.I/RES. 68 (VI-05)³

SESSION INITIATION PROTOCOL

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

- a) That Session Initiation Protocol (SIP) emerged in the mid-1990s from research conducted at Columbia University in an effort to standardize a method for inviting participants from other universities to large scale multimedia conferences;

³ CCP.I-TEL/doc. 642/05

- b) That the SIP forms the basis of an Internet-centric multimedia communications architecture that enables converged voice and multimedia services such as voice-enriched eCommerce, Web page click-to-dial, instant messaging with buddy lists, and much more;
- c) That SIP is a control protocol that initiates, modifies, and terminates communication sessions with one or more participants;
- d) That SIP enables the following functions:
 - Name translation and user location
 - Media negotiation
 - Session participant management
 - Session feature changes ;
- e) That the migration of today's telephone networks from TDM to a highly-efficient 'packet' infrastructure brings with it the great promise of empowering service providers to develop new services themselves;
- f) That IETF RFC 3261 – “SIP: Session Initiation Protocol” is a service-enabling Internet protocol that initiates real-time, multimedia sessions to seamlessly integrate voice, data and video, and
- g) That SIP's text-based architecture speeds access to new services with greater flexibility and more scalability than many alternative multimedia communication protocols in use today,

FURTHER CONSIDERING:

That the ITU-T Recommendation Q.1912.5 – “Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control Protocol or ISDN User Part” has been endorsed, with no deletions, additions or modifications to its normative references and Annexes,

RECOGNIZING:

- a) That SIP has been embraced by other standards bodies, such as 3GPP/3GPP2, CableLabs, and ITU-T for use in their respective environments (which can have significantly different characteristics than the Internet);
- b) That increasing numbers of carriers are offering such SIP-based services as local and long distance telephony, presence & instant messaging, IP Centrex/Hosted PBX, voice messaging, push-to-talk, rich media conferencing, and more, and
- c) That SIP is being embraced today by all major communications equipment manufacturers and many software companies,

FURTHER NOTING:

- a) That this protocol is for basic SIP functionality only and there is a need to deploy additional protocols in order to achieve a practical, commercial SIP implementation;
- b) That there is a requirement for further investigation of additional protocols to provide the functionality required in the provision of commercial services, and
- c) That there is a requirement to maintain compatibility with legacy SIP implementations,

RESOLVES:

To endorse the IETF RFC 3261 - "SIP: Session Initiation Protocol" with no deletions, additions or modifications.

RECOMMENDS:

- a) That The Working Group on Standards Coordination continues to monitor and determine the applicability for the Americas of the IETF RFC 3261 standard as it evolves.
- b) That The Working Group on Standards Coordination continue addressing the service needs of the Americas and provide implementation options based on IETF RFC 3261 and other evolving standards on network signaling.

PCC.I/RES. 69 (VI-05)⁴

HOLDING OF A HALF-DAY WORKSHOP ON "NUMBER PORTABILITY"

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

- a) That the phenomenal growth in telecommunications technology and services and in particular wireless and IP-based networks;
- b) That the rapid evolution towards establishment of the standards and technologies for the Next Generation Network (NGN) which will be a fully converged IP-based global telecommunications platform providing seamless voice, data, image and video communication services over wireless, wireline, satellite, cable and optical fiber transport facilities;
- c) That there is an ever increasing number of citizens in the global community with telecommunications access and especially telephone service access, and
- d) That there continues to be a significant and increasing degree of mobility of citizens both in terms of where they reside and also in terms of national and international travel,

TAKING INTO ACCOUNT:

- a) That citizens and the business community have become crucially dependent on telecommunications access and that an enormous amount of economic activity takes place over the global telecommunications network;
- b) That individuals and businesses become known and recognized by their telephone numbers and that telephone number changes necessitated for example by a change of physical address or change of service provider can be disruptive and even costly to the business community;
- c) That some countries have already mandated number portability as a requirement for service licenses, and

⁴ CCP.I-TEL/doc. 644/05
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d) That number portability technologies are now appearing in the marketplace for IP-based voice services (VoIP),

RESOLVES:

1. To hold a half-day Workshop during the first working session of the Working Group on Standards Coordination at the VII meeting of CITEL's PCC.I to expose the PCC.I community to technology, standards, regulatory and service deployment issues in number portability thereby to develop an action plan for PCC.I in this area as appropriate.
2. To entrust the coordination of this Workshop to Mr. Alberto Zetina of Mexico and Mr. Bruno Ramos of Brazil.
3. To adopt the Workshop agenda structure found in Annex to this resolution.

ANNEX TO RESOLUTION PCC.I/RES. 69 (VI-05)

**DRAFT AGENDA
HALF DAY WORKSHOP ON NUMBER PORTABILITY**

Session 1: SERVICE PROVIDER CHALLENGES IN NUMBER PORTABILITY

Session 2: TECHNOLOGY, STANDARDS AND REGULATORY ISSUES

Session 3: ROUNDTABLE DISCUSSION AND CONCLUSIONS

- 3.1. Questions and answers
- 3.2. Conclusions and final notes of the Workshop

PCC.I/RES. 70 (VI-05)⁵

RECOMMENDATION APPROVAL PROCEDURES IN THE ITU-T

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

a) That the procedures that have been applied in the Standardization Sector of the ITU for the approval of recommendations have demonstrated a very significant flexibility and effectiveness as confirmed by the fact that nearly 800 recommendations have been approved by the Alternative Approval procedure (AAP) process since it was approved in 2000 and a Member State has only used twice, since the approval of the AAP, its veto power, and they ensure the world acceptance of the recommendations, preserving the beginning of world standardization in charge of ITU;

⁵ CCP.I-TEL/doc. 643/05 rev.1

- b) That the Inter-American Telecommunication Commission, CITEL, submitted its opinion on the issue to the World Telecommunication Standardization Assembly (WTSA) in the proposal captioned "Approval Procedure for Recommendations", which stated the reasons why both Traditional Approval Procedures (TAP) and Alternative Approval Procedures (AAP) should be maintained;
- c) That the power of any Member State to veto a recommendation is consistent with the sovereign right of each State to regulate its telecommunication;
- d) That the decisions adopted in the frame of the Union must respect a Member State's ability to voice governmental concerns about technical recommendations in particular in the ITU-T's standardization portfolio, and
- e) That elimination of the single Member State veto goes beyond a "work method" issue and has broader implications for the Union,

RESOLVES:

1. To request Telecommunications Standardization Advisory Group (TSAG) to consider whether elimination of the single Member State veto in A.8 paragraph 5.4:
- Weakens or strengthens, the Alternative Approval Process (AAP), and
 - Affects historic ITU-T practices regarding inclusive consensus critical to securing world-wide acceptance of ITU-T recommendations.
2. To request the Council to examine the implications that the elimination of the veto capacity that a Member State has would have on world telecommunication standardization since it would change the way the ITU-T does business and modify the foundation for securing world-wide acceptance of ITU-T recommendations.

PCC.I/RES. 71 (VI-05)⁶

WORK PLAN AND QUESTIONNAIRE ON ECONOMIC ASPECTS OF BROADBAND OVER POWER LINES (BPL) OTHERWISE KNOWN AS POWER LINE COMMUNICATION (PLC)

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

IN VIEW OF:

- a) The terms of reference of the Working Group on Economic Aspects and Tariff Principles included in Resolution PCC.I/RES.5 (1/02); and
- b) The Working Plan of the Working Group on Economic Aspects and Tariff Principles included in the document CCP.I/TEL/doc.104/03 rev.5,

CONSIDERING:

- a) That technology advancement is bringing about a constant evolution of the telecommunications market, with the emergence of new operators, new services, and as a result, new scenarios to be analyzed;

⁶ CCP.I-TEL/doc. 639/05 rev. 1

- b) That to understand the dynamic of this process it is imperative to be familiar with not only the regulatory aspects that limit not only the process and the technologies used, but also the particular economic foundations identify each of them;
- c) That technological advances make it necessary to study in depth the economic and regulatory aspects of emerging technologies, and
- d) That the regulating entities require updated information on the progress of various technologies in order to determine whether the need for regulatory intervention may be brought about by technological advancement and corresponding market changes,

CONSIDERING FURTHER:

- a) That Broadband over Power Lines (BPL), also known as Power Line Communication (PLC) is undergoing trials throughout the hemisphere; and
- b) That there is a strong interest on the part of PCC.I member countries to assess the economic and regulatory aspects of BPL/PLC,

RECOGNIZING:

That CITEL Member States and Associate Members consider that BPL/PLC represents a possible competitive technology and a way of providing internet and telecommunications to underserved and unserved areas;

BEARING IN MIND:

- a) The conclusions of the Workshop on Economic Aspects of Telecommunications held in the IV PCC.I meeting in Quito, Ecuador;
- b) The need to continue studying and gathering additional information about the different technologies in a convergent marketplace for information and communications technologies which are faced by the Administrations and Regulatory Agencies in the countries of the Americas.

RESOLVES:

1. To mandate the Working Group on Economic Aspects and Tariff Principles with the development of a study concerning the economic and regulatory aspects of BPL/PLC for countries in the region.
2. To request the Administration of United States of America to carry out the coordination of the study indicated in the foregoing *resolve*.
3. To request that the Administrations of CITEL complete the questionnaire contained in the annex of this Resolution, and forward it to the Secretariat of CITEL before June 15, 2005.
4. To present a progress report on the results of the study during the VII meeting of PCC.I.
5. To arrange an expert panel presentation of the economic and regulatory aspects BPL/PLC to PCC.I during the VII meeting of PCC.I. This panel presentation could include a demonstration and discussion of regulatory challenges faced by providers.

6. To undertake further study, as needed, in order to prepare a BPL/PLC summary report to be presented at the VIII meeting of PCC.I.

INSTRUCTS THE CITEL SECRETARIAT:

To send the questionnaire to the Administrations of CITEL requesting their answer to the above mentioned questionnaire.

ANNEX TO RESOLUTION PCC.I/RES. 71 (VI-05)

QUESTIONNAIRE ON ECONOMIC ASPECTS AND REGULATION OF BPL/PLC

Member State or Associate Member/*Estado miembro o Miembro Asociado:*

Name of person responsible/*Nombre del responsable*

E-mail of responsible person/*Correo electrónico del responsable:*

Date of answer/*Fecha de respuesta:*

1. Please indicate if your country has undertaken a study relating to BPL/PLC.
 - 1.1.1 Answer only if the answer to Question 1 was affirmative:
 - 1.1.2 Please briefly describe the study.
 - 1.1.3 What specific questions were asked?
 - 1.1.4 What conclusions, if any, were drawn?
 - 1.1.5 Please provide links to official, public documents, if available.
2. Who, if anyone, has regulatory jurisdiction over BPL/PLC? Is jurisdiction shared? Please provide any information on jurisdiction that may be of interest to Member States.
3. Is BPL/PLC available to consumers in any locations in your country? If so, is it on a pilot project basis? Provided by a private company or the government? Please provide any information on deployment & availability that may be of interest to Member States.
4. If you have any information on the cost of or barriers to providing BPL/PLC, please provide it.
5. Please provide any additional comments you may have. (e.g. interference, etc.)

(This questionnaire may be answered as briefly or as extensively as each administration considers appropriate)

PCC.I/RES. 72 (VI-05)⁷

AGENDA, VENUE AND DATE OF THE VII MEETING OF PCC.I

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

RESOLVES:

1. To hold the VII Meeting of the Permanent Consultative Committee I: Telecommunication Standardization September 20 to 23, 2005, in venue to be confirmed.
2. To adopt the Draft Agenda for the VII Meeting of PCC.I attached in the annex to this resolution.

ANNEX TO RESOLUTION PCC.I/RES. 72 (VI-05)

1. Approval of the agenda and calendar 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 Standards Coordination.
 - 3.2 Working Group on Advanced Network Technologies and Services.
 - 3.3 Working Group on MRA and Certification Processes.
 - 3.4 Working Group on Economic Aspects and Tariff Principles.
 - 3.5 Working Group on Preparations for the World Conference on International Telecommunications (WCIT).
4. Agenda, venue and date for the VII PCC.I Meeting.
5. Approval of the Final Report.
6. Other business.

**3.1 DRAFT AGENDA
WORKING GROUP ON STANDARDS COORDINATION**

1. Welcome to participants.
2. Presentation and adoption of the agenda and list of documents.
3. Approval of the Agenda.
4. Review of the Report of the WGSC meeting during the VI meeting of PCC.I.
5. Report of the Workshop on Number Portability.
6. Review and allocation of contributions to Rapporteur Groups:

6.1 Rapporteur Group on Fixed and Mobile Services and Network Signaling

- Reassess progress on Signaling standards and recommend the adoption of Standards Coordination Documents (CSDs) if appropriate.
- Update the Next Generation Networks (NGN) – Standards Overview document.
- Reassess progress on Security Standards (wireless and wireline) and recommend the adoption of CSDs based on Security standards if appropriate.

⁷ CCP.I-TEL/doc. 645/05

6.2 Rapporteur Group on Transport Infrastructure

- Cable Access standards proposals.
- NGN wireless access standards proposals.

6.3 Rapporteur Group on Communications Network Management and Operations

- Telecommunication Management Networks (TMN) proposals.
- Assess progress on the Technical Notebook on Communication Systems Security in the Americas.

7. Contributions for the Work Plan for WGSC 2005 Period.
8. Other business.
9. Closing the meeting.

3.2 DRAFT AGENDA

WORKING GROUP ON ADVANCED NETWORK TECHNOLOGIES AND SERVICES

1. Welcome and adoption of the agenda.
2. Report of rapporteurs:
 - Advanced Services (VoIP report).
 - Internet Domain Names.
 - Cyber Security and Critical Infrastructure.
 - Broadband Access Technologies.
3. Consideration of the future work and study questions of the Working Group.
4. Approval of the Final Report.
5. Other business.

3.3 DRAFT AGENDA

WORKING GROUP ON MUTUAL RECOGNITION AGREEMENTS AND CERTIFICATION PROCESSES (WG-CMRA)

1. Welcoming of participants.
2. Presentation and approval of draft agenda.
3. Report on the last WG-CMRA meeting.
4. Proposal for preparing and approving plans for the Yellow Book on Certification Processes for Telecommunication Equipment in the Americas.
5. Participation dates proposed by Member States.
6. Presentation by Member States on the regulations and procedures they plan to use or are using to implement Phase I of the MRA.
7. Discussions on:
 - Cooperation with APEC.
 - Guide and Management Tools for the MRA.
 - Database to store information produced in the implementation.
 - MRA Training.
 - Presentation to Central American and Caribbean members.
8. Information of WTO/ITA activities.
9. Next meeting of the WGCMA and draft agenda.

**3.4 DRAFT AGENDA
WORKING GROUP ON ECONOMIC ISSUES AND TARIFF PRINCIPLES**

1. Welcome to participants.
2. Presentation, adoption of the agenda and listing of documents.
3. Review of the report of the last meeting of the Working Group.
4. Presentation of the Draft Final Report on Cost Structure of telecommunication services, based on the mandate assigned by Resolution of the V PCC.I Meeting.
5. Presentation of contributions of the Administrations and Associate Members on the Study Questions in the WG Work Plan.
6. Presentation, analysis and approval of the Report relating to the methodological study on Capital Cost for the telecommunication sector of the region.
7. Presentation, analysis and approval of the report on economic aspects of broadband over power lines (BPL) otherwise known as power line communication (PLC).
8. Revision and Update of the Technical Notebook on economic aspects of universal service.
9. Status of progress in the analysis of the economic aspects included in the questionnaires of International Telecommunications (CITEL) and the one of International Telecommunication Regulations (ITU) of the WG on Preparation for the World Conference on International Telecommunication (WCIT).
10. Presentation of the reports and ongoing activities of ITU-T Study Group 3.
11. Other business.
12. Approval of the Final Report.
13. Next meeting of the Working Group and draft agenda.

**3.5 DRAFT AGENDA
WORKING GROUP ON PREPARATIONS FOR THE WORLD CONFERENCE ON
INTERNATIONAL TELECOMMUNICATIONS (WCIT)**

1. Approval of the agenda
2. Revision and approval of the Working Group report.
3. Follow-up of the tasks developed by the ITU Working Group of the Council for the revision of the International Telecommunication Regulations.
4. Discussion on the feasibility to present a contribution to the ITU Working Group of the Council.
5. Other business

PCC.I/RES.73 (VI-05)⁸
CITEL CYBER SECURITY UPDATE

The VI Meeting of Permanent Consultative Committee I: Telecommunication Standardization,

RECOGNIZING:

- a) That ensuring the safety and security of networked information systems (cybersecurity) is a priority item for our hemisphere;
- b) That ubiquitous and secure information networks play an important role for the critical infrastructure of all OAS Member States, their economies and their societies, and
- c) That communication networks presently being designed and standardized can take into account technologies and techniques to ensure their robustness and harden their resilience to cyber attacks,

CONSIDERING:

That CITEL, through its partnering with the private sector on issues in its areas of responsibility, and through its Work Plan for advanced network issues, and in particular cybersecurity, can make an important contribution by both raising awareness of critical issues potentially impacting the Region and refining its work plans in these areas through facilitation of focused discussion and information sharing,

RESOLVES:

To create a Technical Notebook on Cyber Security to provide a formalized means of maintaining Cyber Security information that will be available to CITEL PCC.I members for discussion and future reference.

INVITES:

The Working Group on Advanced Network Technologies and Services to

- 1. develop the scope of the Cyber Security Technical Notebook,
- 2. develop a Table of Contents to organize Cyber Security information within the Notebook, and
- 3. populate the Technical Notebook with relevant Cyber Security material by
 - i. consolidating relevant information already contributed to CITEL PCC.I, and
 - ii. reviewing and recommending new additions to the Notebook

⁸ CCP.I-TEL/doc. 661/05
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PCC.I/RES. 74 (VI-05)⁹
TERMS OF REFERENCE AND WORK PLAN OF THE PCC.I WORKING GROUPS

The V Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

- a) The need to keep updated the terms of reference and work programs of the PCC.I Working Groups;
- b) The proposals received from the Working Groups of the PCC. I during this meeting and,
- c) Resolution PCC.I/RES. 4 (I-02), which contains the “PCC.I Structure (Telecommunications Standardization) and Mandates of the Working Groups - 2002-2006”, resulting from the new structure of the Committees approved by the Third CITEI Assembly,

RESOLVES:

- 1. To approve the Terms of Reference and Working Plans for the Working Groups of the PCC. I, according to the Annex to this resolution.
- 2. To repeal *resolves* 2 of Resolution PCC. I/RES.5 (I-02).
- 3. To repeal *resolves* 1 and 2 of Resolution PCC.I/RES. 40 (III-03).
- 4. To repeal Resolution PCC.I/RES. 66 (V-04).

⁹ CCP.I-TEL/doc.666/04 rev.1
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ANNEX TO RESOLUTION PCC.I/RES. 74 (VI-05)

1. WORKING GROUP OF STANDARDIZATION COORDINATION¹⁰

1.1 Rapporteur Group on Fixed and Mobile Services and Network Signaling

Mandate: The group will focus on the study of standards that are necessary for the smooth transition to next generation networks (NGN). It will address issues relating to the convergence of existing networks in a way that maintains interoperability across the region. It will make specific recommendations (Coordinated Standards Documents, Technical Notebooks, etc.) and related policy guidelines that best serve the current and future needs of the users of these networks through the region.

Terms of Reference:

- a) To identify and evaluate technical issues relating to the protocol standards required for interconnectivity and interoperability of existing and future communications networks (wireline and wireless) across the region that will ultimately result in the emergence of a single, seamless network.
- b) To draw primarily on the work of existing standards-setting bodies, including the ITU-T, IETF, and other fora as appropriate.
- c) To recommend standards that deal with the following topics:
 - Multimedia service definition and architectures;
 - Signaling requirements and protocols (Intelligent networks);
 - IP-based services (Voice over IP, Video over IP, etc.);
 - Emergency services;
 - Network aspects of IMT-2000 and beyond (wireless Internet, harmonization and Convergence, network control, mobility, roaming, etc.) ;
 - Interworking between traditional telecommunication networks and evolving networks;
- d) To identify, on a timely and ongoing basis, obstacles to full interoperability of networks throughout the Americas and to report on these to both the Working Group on Standards Coordination and the Working Group on Advanced Network Technologies and Services.
- e) To establish liaisons with other standards bodies and industry fora as necessary to advance in the work.

Work Plan:

	VI PCC.I Meeting (2005)	VII PCC.I Meeting (2005)
Reassess progress on Signaling standards and recommend the adoption of Standards Coordination Documents (CSDs) if appropriate.		
Update the Next Generation Networks – Standards Overview document.		

¹⁰ CCP.I-TEL/doc.539/04
P1!T-0664r2c1_i

Reassess progress on Security Standards (wireless and wireline) and if appropriate recommend the adoption of a CSD based on Security standards.		
Assess progress on harmonization and convergence of networks aspects of IMT-2000.		
Consider initiating work on Emergency communication services.		
Reassess current working plan based on new developments in the telecommunications environment and propose a new work plan if necessary.		

1.2 Rapporteur Group on Transport Infrastructure

Mandate: The mandate of this Rapporteur group is to study transmission layer related standards for the access, metropolitan, and long haul sections of communication networks and their applicability to the networks across the region. This group will also address issues relating to terminals and outside plant. It will make specific recommendations (Coordinated Standards Documents, Technical Notebooks, etc.) and related policy guidelines that best serve the current and future needs of the users of transport networks through the region.

Terms of Reference:

- a) To identify and evaluate technical issues relating to the standards required to support interconnectivity and interoperability of existing and future transport networks across the region that will ultimately result in the emergence of an end-to-end optical network.
- b) To draw primarily on the standards work of the ITU-T and other fora as appropriate
- c) To recommend standards that deal with the following topics:
 - Metropolitan and Long haul optical transport networks;
 - Access network transport (LANs, xDSL, Ethernet, cable modem, fiber, Wireless LANs, etc.);
 - Terminals (PC, TV, phone, codecs, etc.);
 - Outside plant.
- d) To identify, on a timely and ongoing basis, obstacles to full end-to-end interoperability of transport networks throughout the hemisphere and to report on these to both the Working Group on Standards Coordination and the Working Group on Advanced Network Technologies and Services.
- e) To establish liaisons with other standards bodies and industry fora as necessary to progress the work.

Work Plan:

	VI PCC.I Meeting (2005)	VII PCC.I Meeting (2005)
Consider recommending a CSD on Cable Access standards.		
Start studying of wireless access standards for NGNs.		

Initiate studies on Automatically Switched Optical Network (ASON) / Generalized Multi-protocol Label Switching (GMPLS).		
Initiate studies on Optical Ethernet.		
Reassess current working plan based on new developments in the telecommunications environment and propose a new work plan if necessary.		

1.3 Rapporteur Group on Communications Network Management and Operations

Mandate: This group will focus on the study of standards that apply to planning, engineering and provisioning of network resources; to operations, maintenance or administration process; or to requirements and recommendations for support systems and equipment that may be used for these functions. The group will make specific recommendations (Coordinated Standards Documents, Technical Notebooks, etc.) and related policy guidelines that best serve the current and future needs of the Member States of the region.

Terms of Reference:

- a) To draw primarily on the work of existing standards-setting bodies, including the ITU-T, and other fora as appropriate.
- b) To identify and evaluate standards related to administrative support functions such as methods for charging, accounting and billing data.
- c) To recommend standards that deal with the following topics:
 - Management of communications services, networks and equipment;
 - Communications system security (lawful intercept, privacy, fraud prevention, cyber crime, sabotage, etc.);
 - Numbering, Naming and Addressing (ENUM);
 - Performance and QoS.
- d) To identify, on a timely and ongoing basis, obstacles to full interoperability of communications networks management systems throughout the hemisphere and to report on these to both the Working Group on Standards Coordination and the Working Group on Advanced Network Technologies and Services.
- e) To maintain liaison with appropriate standards-setting bodies external to PCC.I.

Work Plan:

	VI PCC.I Meeting (2005)	VII PCC.I Meeting (2005)
Consider recommending the adoption of a CSD based on Telecommunication Management Networks (TMN) standards.		
Initiate the development of a Technical Notebook on Communication Systems Security in the Americas. This document will cover fraud prevention, lawful intercept, privacy cyber crime, sabotage and related topics.		

Study of Management standards for Next Generation Networks.		
Consider recommending the adoption of a CSD on telephone number mapping (ENUM).		
Reassess current working plan based on new developments in the telecommunications environment and propose a new work plan if necessary.		

2. WORKING GROUP ON ADVANCED NETWORK TECHNOLOGIES AND SERVICES

2.1 Study Question I: Internet Domain Name Issues

Terms of reference:

- a) Continue the study on government policies and ccTLD management in countries of the region, including a comparative analysis of such experiences, mandating the Working Group on Advanced Network Services and Technologies to identify, in the framework of this study, the cases of “Best Practices”.
- b) Continue the study on governmental policies and experiences in the management of IP address blocks in the countries in the region, including a comparative analysis of these experiences, asking the Working Group on Advanced Network Technologies and Services to identify within this study “Better Practices” cases.
- c) Continue working with the Member States and the Associate Members in compiling the required information in resolves 1 and 2 and including the activities of other corresponding entities.
- d) To compile the documents issued by GAC.
- e) To analyze ICANN policies for the management of IP address blocks.
- f) To follow up on ICANN activities, and in particular analyze the reform process in this organization.
- g) Follow-up on the work done by the group of the UN Secretary General for Internet governance.

Work program:

	VII PCC.I Meeting (2005)	Steering Committee (2005)
Updating of document CCP.I-TEL/doc. 515/04 “Study on Domain Names” and its update in document PCC.I-TEL doc. 620/05.		
Presentation of the final study on IP addresses. Partial report		
Presentation of the second compilation of data on Internet governance.		

2.2 Study Question II: Cyber Security and Critical Infrastructure:

Mandate: To study the security aspects related to communication network development, its role in supporting other critical infrastructures, the role of the private sector in securing the communication network, and domestic and regional approaches required in the Americas Region on this matter. Assessing the current work undertaken in the OAS, ITU, and elsewhere on issues pertaining to the security and critical infrastructure of communication networks across the region.

Terms of reference:

This issue should cover, but not be limited to:

- a) Developing domestic and regional approaches to network security, deployment strategies, information exchange, and outreach to the public and the private sector.
- b) Reviewing the various frameworks and guidelines on network and cyber security and their applicability within the Americas region.
- c) Fostering dialogue regarding the work of the ITU (i.e. Study Group 17) and other relevant fora on network and cyber security.
- d) Fostering cooperation among Member States on aspects related to advanced network backbone interconnectivity including traffic exchange points and its level of decentralization.

Work Plan:

- a) To develop domestic and regional approaches to network security, deployment strategies, information exchange, and outreach to the public and the private sector:
 - Collect regional best practices for network communication and infrastructure protection.
 - Review the various frameworks and guidelines on network and cyber security and their applicability within the Americas region.
- b) To foster cooperation among Member States on aspects related to network security:
 - Help Administrations to encourage network and service providers to implement technical standards for secure networks.
- c) To identify and evaluate implementation and policy issues relating to standards required for security of existing and future communications networks (wireline and wireless) across the region. This task will draw primarily on the work of ITU-T (especially the security Study Questions of SG 17 and the Security WG of the ITU-T Focus Group on NGN). Other existing

standards-setting bodies, including the IETF, and Regional SDOs will also be considered, as appropriate:

- Raise the awareness of Member States to security standards of particular importance.
- d) Recognizing the critical importance of Cyber Security, foster dialog among CITEI PCC.I-TEL members to develop a Cyber Security chapter for the new edition of the Blue Book, “Telecommunication Policies for the Americas”, a joint publication of CITEI and the ITU.
- e) Create a technical notebook on security in cyberspace as a formal means of keeping information available to PCC.I members.
- f) To identify, on a timely and ongoing basis, obstacles to implementation of security measures in the networks of the region. This will require ongoing cooperation between the Working Group on Standards Coordination and the Working Group on Advanced Network Technologies and Services.
- g) To establish liaisons with other standards bodies and industry fora as necessary to advance work on the OAS mandates.

2.3 Study Question III: Broadband Access Technologies

Mandate: To develop a better understanding of the benefits associated with broadband technologies. This issue should cover, but not be limited to:

- a) Broadband as a “leapfrogging” technology.
- b) Broadband Infrastructure Evolution and Deployment.
- c) Broadband Access Standards.
- d) Migration to new (IP-based) networks.
- e) Security issues surrounding broadband technologies.
- f) Access to broadband technologies.

Work Plan:

To develop a series of documents (technical notebooks) to assist administrations of the region in the design and deployment of their broadband access technologies and services strategies. The first documents will be the following:

	VI PCC.I Meeting (2005)	VII PCC.I Meeting (2005)
Reference of available broadband access technologies.		
A list of best practices and case studies of broadband access technologies deployment for social and economic development.		
Prepare and present the updated results of a survey of current broadband access technologies deployment in the countries of the region.		
Present a proposal on the structure and content of the technical notebook in coordination with other working groups and study		

questions.		
Create an electronic forum for the exchange of information on the development of a document containing guidelines for the definition of nacional broadband strategies.		

2.4 Study Question IV: Advanced Services

Mandate: Study the development of the new generation services in the Region of the Americas. Study the impact on the implementation of the telecommunication services, especially supported by IP, such as telephony services and IP multimedia; as well as providing information on these services to the countries of the Region. Research and report on the characteristics of the new technologies and their application in the Member States of the Region. Issues to be considered include Voice on Internet Protocol (VoIP) and migration from the traditional networks to the new services.

Working Program:

	VI PCC.I Meeting (2005)	VII PCC.I Meeting (2005)
Identify services of interest in advanced networks		
Maintain the VoIP Study updated		
Submit a migration report with received contributions and a final working structure		
Identify services of interest in advanced networks		
Within 30 days following the PCC VI Meeting the rapporteur will prepare a draft updated technical notebook that will be posted on the electronic forum.		
Maintain the VoIP Study updated		
Submit a work draft with guidelines		

3. WORKING GROUP ON MUTUAL RECOGNITION AGREEMENTS AND CERTIFICATION PROCESSES ¹¹

Terms of Reference:

Mutual Recognition Agreements

- a) To continue the implementation of the Inter-American MRA, progressing from Phase I to Phase II.
- b) To develop and implement a database to store information generated from the implementation of the MRA.
- c) To encourage and to support the implementation of the MRA by Central American and Caribbean members.

¹¹ CCP.I-TEL/doc.556/04
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- d) To hold a Workshop on a yearly basis to provide information and training to members which are planning to implement the MRA.
- e) To cooperate with other regional groups especially the APEC TEL group in the implementation of the MRA.
- f) To develop new and simplified conformity assessment procedures.

Telecommunication Equipment Conformity Assessment Processes

- a) To perform the activities for preparing and constantly updating the Yellow Book on Telecommunication Equipment Conformity Assessment Processes in the Americas.
- b) To study the requirements of the Conformity Assessment processes including certification for telecommunication equipment in the different countries of the Americas to develop an analysis that allows the harmonization of these processes in the Americas.
- c) To develop guidelines on conformity assessment policies, including certification processes appropriate for their possible application by CITELE Member States.
- d) To prepare and develop a cooperation plan with other regions on their conformity assessment processes, including the certification processes and propose suitable solutions for the CITELE Member States.
- e) To hold forums and seminars on conformity assessment and certification processes to promote information and capacity building of human resources in the Region.
- f) To create and update the database on conformity assessment processes, including the certification processes applicable in the CITELE Member States.
- g) To perform studies on the requirements of conformity assessment processes needed for the development of telecommunications and information technologies and its applications, additional to the certification and conformity assessment requirements of telecommunication equipments based in information technologies to support policy and strategy recommendations to be considered by the CITELE countries.
- h) To act in conjunction with the work of ITU-T Study Group 17, and other ITU Study Groups that are working on the security issues for information and communication networks and combine their results with the study and development of issues relating to electronic signature certification, online transaction security and authenticity of players therein (RES. PLEN/2 of PP-02 in Marrakech 2002).
- i) To study and develop subjects related to the certification of electronic signatures, on-line transactions security and authentication of its participants.

Work Program:

	VI PCC.I Meeting (2005)	VII PCC.I Meeting (2005)
To finish the Yellow Book on Telecommunication Equipment Conformity Assessment Processes in the Americas		

To study the requirements of the Conformity Assessment processes including certification for telecommunication equipment in the different countries of the Americas to develop an analysis that allows the harmonization of these processes in the Americas		
To develop guidelines on conformity assessment policies, including certification processes, successfully applied in other countries, appropriate for their possible application by CITELE Member States.		
To develop a cooperation plan with other regions on their conformity assessment processes, including the certification processes and propose suitable solutions for the CITELE Member States.		
To continue promoting the MRA in the Americas.		

4. WORKING GROUP ON ECONOMIC ASPECTS AND TARIFF PRINCIPLES¹²

Terms of reference:

- a) To identify and request mandates from PCC.I to develop projects on economic aspects and tariff and cost principles, according to the needs of member countries or those arising from technological progress and development of new telecommunication services.
- b) To meet, in addition to developing projects, assistance requests made by other working groups of this Study Group, in line with the scope of CITELE.
- c) To define and introduce quantitative and qualitative indicators measuring the real impact on community development, both in terms of productivity, investment, production and impact on employment generation and evolution of services and application and connectivity technologies.
- d) To take into consideration the activities of ITU-T Study Group 3 to enable the presentation of contributions by the Americas region.

Work plan:

- a) To study the economic aspects in the development of the telecommunications analyzing the evolution in the region and the specific situation of each country. The impact of local investment in infrastructure, technology and research and development; and its impact on the growth of countries, their production, and the effects on social and digital inclusion of communities.
- b) To gather information and evaluate cost models for the different telecommunication services, prioritizing the region's experience and the needs of member countries and providing an ongoing assessment of the impact of new technologies.
- c) To study the economic aspects of tariffs, such as rates, access charges, etc., considering the impact of new generation networks.
- d) To study the economic aspects associated with the Internet in the Americas region

¹² CCP.I-TEL/doc.549/04 rev.2
P1!T-0664r2c1_i

- e) To study the telecommunications market competition, among which we have the effects of anti-competitive practices and the regulatory actions aimed at preventing them.

Study Questions: With regard to the proposed study questions, it would seem necessary to create a coordination link with ITU-T Study Group 3 in order to avoid duplicating efforts and contribute from CITEEL the regional visions on the main study topics for the 2004-2008 period, as well as promote the sharing of experiences and the transfer of knowledge among Member states. Another important mission of the WG will be to identify potential Resolutions and Recommendations on this matter and the subsequent action thereon.

4.1 Study Question I: Cost models and tariff determination for the different telecommunication services.

Mandate: Identify, study and evaluate cost and tariff models, prioritizing the region's experience and the needs of member countries and considering the incidence of new technologies.

Terms of reference:

The items included under this question, include, among others, the following:

- Evolution of operating and investment costs of the different services
- Incidence of technological innovation
- Incidence of amortization of the invested capital assets
- Comparison of cost-analysis models

4.2 Study Question II: Economic aspects of the telecommunications services provided through IP based networks and new generation networks

Mandate: Identify, study and evaluate the economic aspects of the services based on new generation networks in the countries of the region, considering the incidents in the growth of the sector, the cost and potential savings.

Terms of reference:

The items included under this question, include, among others, the following:

- Economic aspects associated with connectivity
- Incidence of the regulations in costs and prices of the services based on IP networks and
and
- new generation networks.

4.3 Study Question III: Incidence of the telecommunications sector in the countries' economic development

Mandate: Identify, study and evaluate the different factors of telecommunications activities, their incidence in the economic growth of the countries, and their impact on the distribution of income.

Terms of reference:

The items included under this question, include, among others, the following:

- Evolution and profile of public and private investment in the sector
- Incidence of local research and development
- Development of national industrial compounds
- Development of international and regional commerce indicators for telecommunications products and services
- The growth of the sector and its incidence on employment generation

5. WORKING GROUP ON PREPARATIONS FOR THE WORLD CONFERENCE ON INTERNATIONAL TELECOMMUNICATIONS ¹³**Terms of Reference:**

Below are listed the proposed terms of reference for the WG WCIT:

- a) In coordination with the WG-ITR, and Study Group 3 of the ITU, and considering the working plans of those groups, the WG-ITR will perform a review and study of the ITR, in order to be able to present common Inter-American positions or contributions in regional and international fora regarding the holding of the WCIT
- b) Establish an electronic forum in the PCC.I for the participation of the Member States and Associate Members.
- c) As necessary, coordinate with the Working Group to prepare WTSA, the common Inter-American positions or contributions concerning preparation for the WTSA to be presented to the WTSA on ITR.
- d) Perform follow-up and feedback for the related activities being developed in the various forums of the ITU, such as the Council Working Group, Study Group 3, and the Regional Tariff Group for Latin America (GR TAL).

Working Plan

	2003			2004			2005			2006			2007 ¹		2008 ¹	
- Set up of the Working Group - Establishment of terms of reference - Document distribution - Adoption of an IAP procedure																
Compilation of information on domestic regulation of international telecommunications (questionnaires and/or consultations)																
Presentation of the results derived from the compilation of answers to the questionnaire contained in Resolution number PCC.I/RES.51 (IV-04)																
Viability analysis of the presentation of a contribution to the Working Group of the ITU Council based on the aforementioned results.																
Initial analysis of the current content of the ITR																
Definition of a working methodology for specific terms.																
Discussion and consensus for the preparation of IAP projects on specific topics.																
Follow-up on the results of the Plenipotentiary Conference																
Preparation of Inter-American Proposals (IAPs)																
Participation in the WCIT in order to submit the IAPs																

¹Year to be determined during the Plenipotentiary Conference.

APPROVAL OF THE QUESTIONNAIRE ON THE PRACTICAL CASES FOR THE CAPITAL COST ESTIMATION IN THE TELECOMMUNICATION SECTOR OF THE COUNTRIES OF THE REGION

The VI Meeting of Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

- a) That Resolution PCC.I/RES.5 (I-02) mandated the Working Group on Economic Aspects and Tariff Principles to foster the coordination and exchange of information between Member States in relation to tariffs and economic aspects and to develop analyses on the economic aspects and tariff principles of telecommunication services;
- b) That the study on the cost structure of telecommunication services is closely tied to aspects referring to the selection of the capital cost that is most appropriate for the valuations of the telecommunications market;
- c) That these aspects bear special importance for developing countries as was concluded during the Workshop on Economic Aspects of Telecommunications which took place in the framework of the IV Meeting of PCC.I held in Quito, Ecuador, and
- d) That Resolution PCC.I/RES. 60 (V-04), resolves that questionnaires to perform the collection of information with the different administrations must be developed and applied with the purpose of complementing the methodological study for the capital cost determination in the region,

RECOGNIZING:

- a) That capital cost may be determined through a wide variety of models, and that this is comprised of variables implicit in the planning and evaluation of an investment project;
- b) That the mechanism and methodology to be applied for the capital cost determination is the decision of each of the countries;
- c) That it is relevant within the application of the regulatory policy;
- d) That it is useful to consider some of the assumptions of the financial theories, and to its effects when they are applied in countries with different level of development, and
- e) That the most important aspects will be the contributions that each one of the administrations can perform on the experience and advances in capital cost determination,

RESOLVES:

1. To instruct the Working Group on Economic Aspects and Tariff Principles with the application of the questionnaire on practical cases for the capital cost estimation in the telecommunication sector of the countries of the region.
2. To instruct the Administration of Venezuela to carry out the coordination of the study as indicated in *resolve* 1.

¹⁴ CCP.I-TEL/doc. 646/05 rev.1
P1!T-0664r2c1_i

3. To instruct the Executive Secretary to send the questionnaire to the Administrations of CITEL, in order to give the proper compliance to what was established in the previous *resolve*.
4. To request the Administrations of CITEL to complete the questionnaire contained in the annex of this Resolution and send it to the Secretariat of CITEL before the next meeting.
5. To present a report on the results of the study during the VII Meeting of PCC.I.

ANNEX TO RESOLUTION PCC.I/RES. 75 (VI-05)

Estado miembro o Miembro Asociado/Member State or Associate Member:
Nombre del responsable/ Name of person responsible:
Correo electrónico del responsable/e-mail of responsible:
Fecha de respuesta/Date of answer:

1. ¿Have you carried out or are you expecting to carry out a study to determine the capital cost of Telecommunication services? In case of affirmative answer, please specify briefly.
2. ¿Which methodologies have you applied or expect to apply? Please explain briefly the calculations in the applied methodology.
3. Indicate if the used methodology is expressly signaled in the legal framework of Telecommunications in your country.
4. Indicate whether capital costs are estimated for each sector and/or for each Telecommunication service (e.g. fixed telephone service, mobile, Internet, long distance). In case of affirmative answer, indicate the results and parameters for each case.
5. Comment on the implementation process of these results.

PCC.I/ RES 76 (VI-05)¹⁵

CREATION OF A DISCUSSION GROUP IN THE ELECTRONIC FORUM OF CITEL ABOUT THE STUDY GROUP 3 OF ITU-T

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

CONSIDERING:

- a) That the discussion about the worldwide economic aspects of telecommunications is taking place in the Study Group 3 of ITU-T;
- b) That it is necessary for the countries of CITEL to provide follow-up to the activities carried out by the Study Group 3 of ITU and to participate in an active and complementary way in these activities, contributing their particular knowledge on the topic;

¹⁵ CCP.I-TEL/doc. 647/05 rev.1
P1!T-0664r2c1_i

c) That the issues about the economic aspects of telecommunication services are a matter of study and have proved to be of interest for the activities of the Working Group on Economic Aspects and Tariff Principles of PCC.I, and

d) That an important number of administrations in developing countries of CITELE are not participating continuously in the meetings of the Study Group 3 of ITU-T,

TAKING INTO ACCOUNT:

The need of coordinating and disposing of updated information about the recommendations and the activities realized by the Study Group 3 of ITU-T and with the purpose of continuing to study and gather additional information about the economic aspects of the telecommunication services considered in ITU,

RESOLVES:

To create a discussion group in the electronic forum of CITELE about the Study Group 3 of ITU-T, which will receive the updated information about study advances and relevant documents about the work done in issues related with economic and tariff aspects, and will inform the Working Group about Economic Aspects and Tariff Principles of PCC.I.

PCC.I/RES.77 (VI-05) ¹⁶

APPROVAL OF THE CREATION OF A TECHNICAL NOTEBOOK ON THE ECONOMIC ASPECTS OF UNIVERSAL SERVICE

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization

CONSIDERING:

a) That Resolution PCC.I/RES.38 (III-03) approved the preparation of a study on the economic aspects of universal service to be developed by the Working Group on Economic Aspects and Tariff Principles; and

b) That during the current meeting of PCC.I, the results of the study mandated were presented so as to prepare final considerations, exactly as defined in the corresponding work plan,

RECOGNIZING:

That the technological advances in the telecommunication sector broaden the universe of services, applications and technologies, resulting in elements to be taken into consideration for the implementation of universal services in our countries.

¹⁶ CCP.I-TEL/doc. 652/05

RESOLVES:

1. To approve the creation of a Technical Notebook of the PCC.I, on the Economic Aspects of Universal Service, using PCC.I-TEL/doc.594/05rev2 as an initial document.
2. To instruct the Administration of Mexico, as coordinator of the above-mentioned study, to coordinate the update of the Technical Notebook indicated in *resolve* 1.
3. To publish this document on the Internet website of CITEL.

PCC.I/RES. 78 (VI-05)¹⁷

REALIZATION OF A WORKSHOP ON “INTERNATIONAL TELECOMMUNICATION REGULATIONS”

The VI Meeting of the Permanent Consultative Committee I: Standardization of Telecommunications,

CONSIDERING:

That the terms of reference of the Working Group on Preparations for the World Conference on International Telecommunications (WCIT), approved by means of Resolution PCC.I/RES.40 (III-03), contemplates performing a review and study process of the ITR, in order to be able to present common Inter-American positions or contributions in regional and international fora regarding the holding of the WCIT.

TAKING INTO ACCOUNT:

- a) That the Working Group has made progress in the first part of the Work Plan, in particular regarding to the collection of information on the regulatory treatment of international telecommunications in the different countries of the region;
- b) That the Working Group recognizes that the review of the International Telecommunication Regulations would benefit from a more thorough understanding of the aforementioned legal instrument on behalf of the Member States, and
- c) That the previous will offer the necessary elements to identify the interests of the Region that must be reflected in the future activities of the Group,

RESOLVES:

1. To hold a Workshop on International Telecommunications Regulations for the purpose of information exchange in the frame of the VII Meeting of the PCC.I, which will be coordinated by the Chair of the Working Group.

¹⁷ CCP.I-TEL/doc. 657/05 rev.1 cor.1

2. To hold a half day Workshop using sessions of the Working Group on Preparations for the World Conference on International Telecommunications
3. That the aforementioned Workshop is carried out in conformity with the agenda included as annex 1 to this resolution.
4. To request the Working Group to use the Electronic Forum of CITELE to facilitate the coordination of the Workshop.

INSTRUCTS THE EXECUTIVE SECRETARY:

To forward this resolution to all the Member States and Associate Members of CITELE, urging them to participate in the Workshop.

ANNEX TO RESOLUTION PCC.I/RES. 78 (VI-05)

AGENDA OF THE WORKSHOP ON ITR

- 1: Review and analysis of ITR by subject matter experts**
 - 1.1. Context and Scope
 - 1.2. Legal Status
 - 1.3. Entities subject to the application of ITR
 - 1.4. Impact of ITR in the present operation of international networks
 - 1.5. Other issues
- 2: Discussion of the applicability of ITRs by countries in the region**

PCC.I/RES.79 (VI-05)¹⁸

**CITELE PREPARATIONS FOR THE REGIONAL PREPARATORY MEETING AND
WORLD TELECOMMUNICATION DEVELOPMENT CONFERENCE (WTDC)
OF THE INTERNATIONAL UNION OF TELECOMMUNICATIONS**

The VI Meeting of the Permanent Consultative Committee I: Telecommunication Standardization,

TAKING INTO ACCOUNT:

- a) That Resolution CITELE/RES. 46 (III-02), adopted at the Third Regular Assembly of CITELE established that the Conference Preparatory Working Group would be responsible for preparatory activities for regional and world telecommunication conferences, with the exception of those addressed within the mandates of the Permanent Consultative Committees, i.e., Radiocommunication and Telecommunication Standardization Conferences and Assemblies;
- b) That accordingly the mandate of the Conference Preparatory Working Group focuses on coordination of regional preparations for the ITU Plenipotentiary Conference and the ITU World Telecommunication Development Conference (WTDC), to be held in 2006, including the preparation of Inter-American Proposals and common positions;

¹⁸ CCP.I-TEL/doc. 654/05 rev.2

c) That the 2004 Session of the ITU Council resolved that the next WTDC would be held in Doha, Qatar, March 7-15, 2006, and

d) That the Regional Preparatory Meeting for the WTDC will be held August 9-11, 2005, the opening ceremony to be held on August 8, in Lima, Peru, in which connection there is need for the region's countries to determine their regional initiatives and the priorities among them;

CONSIDERING:

a) That at the V Meeting of the Conference Preparatory Working Group, it was established that there is need for a list of duly prioritized regional initiatives. Owing to ITU financial and human resource limitations in implementing the decisions of the WTDC, this list would be presented initially at the Regional Preparatory Meeting;

b) That with a view to accomplishing the foregoing, at its XIV Meeting, the Permanent Executive Committee of CITELE adopted resolution COM/CITEL RES. 179, in which it resolved to establish a consultation procedure coordinated jointly by the ITU and the Conference Preparatory Working Group, and to establish an Electronic Forum to facilitate the preparations necessary for the Regional Preparatory Meeting and WTDC-2006 itself and, in particular, to conduct consultations on regional initiatives and projects and on draft Inter-American Proposals on topics of interest arising from analysis of the draft agenda for WTDC-2006;

c) That, to that end, a questionnaire has been developed designed to identify precisely regional priorities. That questionnaire has now been forwarded to Member States, and

d) That in the above-mentioned resolution, the Member States were asked to identify experts to participate in the Forum to serve as points of contact for the said consultations and to participate in that connection in the development of Inter-American Proposals for presentation at the World Conference,

EMPHASIZING:

That CITELE's preparations for WTDC-2006 have included due coordination between the Conference Preparatory Working Group and the Permanent Consultative Committees,

ENCOURAGES THE MEMBER STATES:

a) To designate experts to participate in the Electronic Forum, serving as their respective countries' points of contact with regard to such consultations as may be undertaken regarding regional initiatives and their priorities with a view to the Regional Preparatory Meeting and the WTDC.

b) To participate actively in duly replying, in time and form, to the questionnaire developed by the ITU Regional Bureau in coordination with the Conference Preparatory Working Group.

c) To work on the proposal for regional initiatives and priorities with a view to the Regional Preparatory Meeting, and to develop and present proposals on such specific topics as arise from the agenda for WTDC-2006.

d) To participate in the process of preparing, discussing, reaching consensus, and approving Inter-American Proposals for WTDC-2006.

RESOLVES:

1. That topics identified by Member States in the framework of the respective mandates of the different PCC.I working groups be considered by the Conference Preparatory Working Group to develop regional initiatives or projects or even draft Inter-American Proposals during CITEL's preparatory process for the Regional Preparatory Meeting and WTDC-2006, as contained in Annex 1 to this Resolution, be reported to the chair and vice chairs of the Conference Preparatory Working Group.

2- That the chairs of the PCC.I working groups serve as the points of contact and coordinators for the development of Inter-American Proposals with the Conference Preparatory Working Group.

INSTRUCTS THE SECRETARIAT OF CITEL:

To assist in implementing operative paragraph 1 of this resolution.

ANNEX TO RESOLUTION PCC.I/RES.79 (VI-05)

**IMPACT OF TELECOMMUNICATION DEVELOPMENT
ON EMPLOYMENT GENERATION**

Rationale: To promote study of the relationship between progress made in telecommunication services and infrastructure and the employment rate in the sector and equipment industry, particularly in developing countries.

IV. DECISIONS

The VI Meeting of the Permanente Consultative Committee I: Telecommunication Standardization,

DECIDES:

CCP.I/DEC. 24 (VI-05)¹⁹	<ol style="list-style-type: none">1. To consider the mandate entrusted to the Working Group on the Preparations for the World Telecommunications Standardization Assembly as fulfilled, its activities finishing at this meeting.2. To send a note of special appreciation and congratulations to the Chair of the WG, Mr. Bruno Ramos for the excellent work carried out and the results achieved.
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¹⁹ CCP.I-TEL/doc. 651/05

<p>PCC.I/DEC. 24 (VI-05)²⁰</p>	<ol style="list-style-type: none"> 1. To designate Ms. Belkys Diaz (CANTV, Venezuela), as co-rapporteur for the topic of communications network management and operations of the Working Group on Standards Coordination with focus on fraud in Mobile Telecommunication 2. To instruct the CITEI Secretariat: <ul style="list-style-type: none"> – To send a note to the Coordinator of the data base to exchange the electronic serial numbers of mobile terminals that have been declared stolen or lost, as approved in Resolution PCC.I/RES.128 (XV-01), requesting the submission of a progress report on the subject matter. – To request that the Administrations provide contact information of Cellular Telephone Operator Associations. – To send a note to these Cellular Telephone Operator Associations asking their opinion about the creation of a region-wide data base to exchange the electronic serial numbers of mobile terminals that have been declared as stolen or lost.
<p>PCC.I/DEC. 26 (VI-05)²¹</p>	<p>To instruct the Executive Secretary of CITEI to send again Resolution PCC.I/RES. 29 (III-03) to all Member States of CITEI, requesting them to update the “Member States Schedule of Participation to the Inter-American MRA” and to upload information for Annexes 1, 2, 3 and 4 to the management system for the MRA (MRAMS).</p>
<p>PCC.I/DEC. 27 (VI-05)²²</p>	<p>To instruct the Executive Secretary of CITEI to send the Agenda and Workshop information of the International Workshop on MRA/CAB to all Member States of CITEI encouraging them to participate in it, that will be held in Gaithersburg USA, October 3-7, 2005.</p>

²⁰ CCP.I-TEL/doc. 650/05

²¹ CCP.I-TEL/doc. 663/05

²² CCP.I-TEL/doc. 663/05

V. LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session and the First Plenary Session:	CCP.I-TEL/doc.640/05 rev.1
Summary Minutes of the Second Plenary Session:	CCP.I-TEL/doc.653/05
Summary Minutes of the Third Plenary Session and Closing Session:	CCP.I-TEL/doc.655/05
List of Documents:	CCP.I-TEL/doc.568/05 rev.4
List of Participants:	CCP.I-TEL/doc.569/05 rev.2
Final Report for the Meeting	CCP.I-TEL/doc.664/05 rev.1