ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission

X MEETING OF PERMANENT CONSULTATIVE
COMMITTEE I: TELECOMMUNICATIONS
March 20 to 23, 2007
Buenos Aires, Argentina

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22 May 2007
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FINAL REPORT

(Item on the Agenda: 5)

(Document submitted by the Drafting Group)

INDEX

FINAL REPORT

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

The X Meeting of the Permanent Consultative Committee I: Telecommunications was held in Buenos Aires, Argentina, March 20 to 23, 2007.

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 XI Meeting of PCC.I.

5.   Approval of the Final Report.

6.   Other Business.

II.   AUTHORITIES OF THE MEETING

Chair: Mr. Carlos Lisandro Salas (Argentina)

Alternate Chair: Mr. Sergio Scarabino (Argentina)

Vice Chairs: Mr. Jose Gonçalves Neto (Brazil)
                                              Mr. José Alfredo Rizek (Dominican Republic)

Executive Secretary: Mr. Clovis Baptista (OAS)

Drafting Group:

Chair: Mrs. Maria Florencia Forciniti (Argentina)

Members: Mr. Efrain Guevara (Canada)

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[1] CCP.I-TEL/doc. 954/07

Mr. Osvaldo Javier Ayala Berni (Paraguay)
Mrs. Mary Jo DiBernardo (United States of America)

III.   RESOLUTIONS

PCC.I/RES. 105 (X-07) [2]

SEMINAR ON BRIDGING THE STANDARDIZATION DIVIDE

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

RECOGNIZING:

a)   That Telecommunication standardization has evolved as a result of the interconnection challenges between and among operators and the subsequent proliferation of equipment by manufacturers;

b)   That new technologies and technological convergence in information and communication technologies (ICT) have created major standardization challenges for all stakeholders, particularly in fields such as Next Generation Networks (NGN), multimedia, Voice over IP (VoIP), IPTV, and so on;

c)   That in addition to the standardization implications of these new "disruptive technologies", regulation and technical developmental issues must also be taken into account,

FURTHER RECOGNIZING:

a)   That the Strategic Plan for the International Telecommunication Union for the period 2008-2011 commissions the ITU-T to provide support and assistance to the members, particularly developing countries, regarding standardization, information and communication network infrastructure and applications, especially aiming at reducing the digital divide, providing training, as well as producing the relevant educational materials for capacity building;

b)   That the World Telecommunication Standardization Assembly adopted Resolutions 44, 53, 54, as well as Resolution 17, in order to help reduce the gap between developing and developed countries regarding standardization;

c)   That the World Telecommunication Development Conference adopted Resolution 47 (Doha, 2006), requesting that actions are taken to improve knowledge and effective application of ITU-T and ITU-R Recommendations in developing countries, as well as Resolution 37 (Rev. Doha, 2006) recognizing the need to create digital opportunities in developing countries;

d)   That recently, the Plenipotentiary Conference of the International Telecommunication Union adopted Resolution 123 (Rev Antalya, 2006) "Bridging the standardization gap between developing and developed Countries" where the Secretary General and the Directors of the three Offices were requested to work on these issues, particularly together with the competent regional organization;

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[2] CCP.I-TEL/doc. 1029/07 rev.3

e)   That the Geneva Plan of Action and the Tunisia Agenda for the Information Society of the World Summit on the Information Society (WSIS) insist on the efforts needed to reduce the digital divide and the development gaps,

NOTING:

That the International Telecommunication Union's Telecommunication Standardization Sector (ITU-T) is the preeminent body for globally accepted standards for telecommunications,

CONSIDERING:

That a Seminar would be invaluable at this time to explore the various dimensions of the standardization divide, to identify strategies to address these gaps, to identify potential roles and responsibilities of government and telecommunication regulatory bodies in promoting standardized solutions and better understanding of the technologies inherent in standards, and to contribute to a better understanding of the economic and competitive advantages of deploying networks and systems based on international standards,

RESOLVES:

1.   To hold a Seminar on "Bridging the Standardization Divide" the day before the XI PCC.I meeting, the Seminar being hosted and jointly organized by the ITU and PCC.I. The attached Annex provides one possible outline of such a Seminar for initial planning purposes.

2.   To designate Mr. Oscar Avellaneda of the Administration of Canada as the Coordinator for PCC.I.

3.   That this Seminar shall be held without using CITEL´s financial resources.

ANNEX TO RESOLUTION PCC.I/RES. 105 (X-07)

DRAFT AGENDA

SEMINAR ON BRIDGING THE STANDARDIZATION GAP

9.00 – 10.00   OPENING REMARKS AND SETTING THE SCENE
- Welcome from Administration.
- Welcome from the Director of the Telecommunications Standardization Bureau (TSB).
- Dimensions of the Standardization Divide – Seminar Chair.

10.00 – 10.30   COFFEE

10.30 – 12.00   STANDARDS DEVELOPMENT AND HOT TOPICS
- Organizations involved: ITU-T, IETF, JTC 1, Forums and Consortia.
- NGN, Cybersecurity, VoIP, Multimedia, IPTV.

12.00 – 13.30   LUNCH

13.30 – 15.00   REPRESENTATION AND EDUCATION
- Strategies for representation and participation in standards development.

- Strategies for developing understanding of key standards technologies.
- Economic and competitive aspects of standards deployment.

15.00 – 15.30   COFFEE

15.30 – 17.00   ROLE OF GOVERNMENTS AND REGULATORS
- Strategies and guidelines for standards in procurement.
- Promotion of standards for key points of interconnection.
- Adoption of standards in regulations.

17.00 – 17.30 CONCLUSIONS AND RECOMMENDATIONS
- Action items and next steps.
- Coordination and collaboration with other Regions.

PCC.I /RES. 106 (X-07) [3]

INTERNATIONAL TELECOMMUNICATIONS REGULATION

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

RECOGNIZING:

a)   That during the last meeting of the Telecommunications Advisory Group (TSAG), the group outlined in document TD 408 Rev 2. a way forward for the review of the International Telecommunication Regulations (ITRs) that is called for in Resolution 146 (Antalya, 2006) of the Plenipotentiary Conference. In this document, TSAG proposes advice be given to the Director of the Telecommunications Standardization Bureau (TSB) to, among other things, create an expert group to carry out this task;

b)   That CITEL believes it is important that the mandate and authority for any group dealing with the subject of ITRs review be clearly defined and understood. In addition, we believe that in progressing the work of the ITRs, it is critically important to adhere to the fundamental tenet of the ITU that:

- Contributions from its membership should drive debate and discussion of the topic.
- Leadership of any group formed to review the existing ITRs must be, and remain at all times, impartial. ITU-T management cannot substitute for Member leadership of any group convened to review the current treaty text.
- Regional representation and balance must be maintained in order to accommodate all opinions.
- Participation must be open to the ITU membership,

RESOLVES:

That the members of CITEL that participate in the working groups related to the review of the ITRs ensure that the above mentioned principles prevail when the terms of reference of such expert group is created and defined.

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[3] CCP.I-TEL/doc. 1058/07 rev.1

INSTRUCTS THE CITEL SECRETARIAT:

To convey this resolution to the ITU-T Director as soon as possible.

PCC.I/RES. 107 (X-07) [4]

SUBMISION OF INTER-AMERICAN PROPOSALS TO THE WORLD TELECOMMUNCATION STANDARIZATION ASSEMBLY 2008

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

CONSIDERING:

That it is convenient to approve a procedure for the development of the activities in order to consolidate Inter-American common Proposals to the WTSA-08,

RESOLVES:

To adopt the procedure described in the Annex for the submission of Inter-American Common Proposals to the next World Telecommunication Standardization Assembly (WTSA-08).

ANNEX TO RESOLUTION PCC.I/RES. 107 (X-07)

PROCEDURE FOR THE PREPARATION AND ADOPTION OF INTER-AMERICAN PROPOSALS TO BE SUBMITTED TO THE ITU WORLD TELECOMMUNICATION STANDARDIZATION ASSEMBLY OF THE INTERNATIONAL TELECOMMUNICATION UNION 2008

1.   OBJECTIVE

To establish the procedure that is to be followed by any document developed under the scope of the Permanent Consultative Committee I: Telecommunications (PCC.I) aiming to its submission to the next ITU World Telecommunication Standardization Assembly 2008 (WTSA-08) of the International Telecommunication Union (ITU), as an INTER-AMERICAN PROPOSAL.

In using this procedure, every effort should be made to reach consensus among CITEL Administrations.

2.   DEFINITIONS

For the purposes of this procedure, the terms set forth are defined as follows:

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[4] CCP.I-TEL/doc. 993/07

a. RG-WTSA: Rapporteur Group on the Preparation for the World Telecommunication Standardization Assembly (WTSA-08), dependent on the Working Group on Policy and Regulatory considerations of PCC.I.

b. PROPOSAL: Input presented for discussion with a view to it becoming an INTER-AMERICAN PROPOSAL.

c. DRAFT INTER-AMERICAN PROPOSAL (DRAFT IAP): PROPOSAL that after being considered and discussed by the Member States has been supported by more than 1 (one) Administration.

d. INTER-AMERICAN PROPOSAL (IAP): It is the PROPOSAL or DRAFT IAP that the RG-WTSA has ended its consideration and discussion, and that has been supported during the LIMIT MEETING or the FINAL MEETING by no fewer than six (6) Administrations and is not opposed by more than 50% (fifty percent) of the number of supports obtained.

e. LIMIT MEETING: It is the XII Meeting of PCC.I, which will be held in order to meet the ITU rules and procedures.

f. FINAL MEETING: It is the XIII meeting of PCC.I.

A.   INTER-AMERICAN PROPOSALS

A1.   STEPS

The steps in the procedure for the preparation and adoption of INTER-AMERICAN PROPOSALS to be submitted before the WTSA-08 of the ITU are as follows:

Step 1.   Evaluation of the Support and Opposition to the PROPOSAL or DRAFT INTER-AMERICAN PROPOSAL

During the LIMIT MEETING or the FINAL MEETING, whichever applicable, the following items will be defined by the RG-WTSA**:**

a.   the list of IAPs;

b.   the list of PROPOSALS and DRAFT IAPs, that despite the efforts done, have not yet become IAPs;

c.   the date the IAPs are to be sent to the ITU.

Step 2.   Circulation of the INTER-AMERICAN PROPOSALS

The Secretariat will distribute the IAPs, the DRAFT IAPs and the PROPOSALS still being considered, to all Member States of CITEL, no more than two (2) weeks after the close of the LIMIT MEETING, clearly stating the maximum deadline to submit the position to them.

Step 3.   Sending INTER-AMERICAN PROPOSALS to the ITU

The Secretariat of CITEL will send the IAPs to the ITU, following ITU rules and procedures.

A2. SUPPORT

The Administrations wishing to support a PROPOSAL, a DRAFT IAP or IAP, being considered, must do so either verbally or in writing, during a RG-WTSA meeting or as a reply to the circular that will be sent.

A3. OPPOSITION

It is understood that the Administrations which oppose a DRAFT IAP or IAP shall indicate clearly the reasons of their oppositions.

The Administrations wishing to oppose a DRAFT IAP which has been circulated before the LIMIT MEETING or FINAL MEETING, whichever applicable, must do so during a RG-WTSA or PCC.I Plenary meeting, orally or in writing.

It is understood that if an Administration chooses to oppose a given INTER-AMERICAN PROPOSAL during the WTSA-08, such Administration will make every possible effort to notify the Rapporteur of the RG-WTSA of its intention.

A4. GENERAL PROVISIONS

A4.1. Obtaining Support

The Administration(s) that originally submitted a PROPOSAL shall undertake the task of coordinating and encouraging its support, in order that it becomes a DRAFT IAP and an IAP afterwards.

A4.2. IAP´s Coordination

The Coordinator of RG-WTSA will make every possible effort to coordinate all DRAFT IAP and PROPOSALS, in order to not generating IAPs with opposite issues.

A4.3. Format for DRAFT INTER-AMERICAN PROPOSALS

The heading of each DRAFT IAP being considered at the RG-WTSA must include the following elements in the order indicated below:

    a.   the names of the CITEL Administrations that expressed their support;

    b.   in square brackets the names of CITEL Administrations that have not yet made their position known;

    c.   the names of the CITEL Administrations that have expressed their opposition.

A4.4. Contact Points

Communications with the Administrations should be channelled through the contact points identified before the RG-WTSA.

A4.5. Administrations Internal Activities

Administrations are encouraged to plan their national activities in such a way as to be prepared to state support for or opposition to DRAFT IAPs as early as possible or by the conclusion of the FINAL MEETING.

B.   REVIEW OF AN INTER-AMERICAN PROPOSAL AFTER THE BEGINNING OF THE WTSA-08

After the beginning of the meeting, it may become necessary to revise an IAP. Propositions of revisions should only be presented and considered during a CITEL meeting to be held during WTSA-08.

The decision to submit a revision will be based on the agreement of CITEL Administrations present at the ITU Meeting.

In the case of a revised IAP, only the names of the Administrations attending the WTSA-08 and supporting the revised IAP will be listed on the heading. Administrations not in attendance will be informed of the revised IAP, by the CITEL Secretariat, once it is approved.

C.   SCOPE OF THIS PROCEDURE.

Any topic that is not covered in this procedure will be resolved by the PCC.I.

PCC.I / RES. 108 (X-07) [5]

STUDY ON REGULATORY ACCOUNTING

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

CONSIDERING:

a)   The new mandate received from the IV Assembly of CITEL, approved by CITEL Resolution CITEL/RES. 55 (IV-06);

b)   The new structure of PCC.I and the mandates and terms of reference of the Working Groups, approved by Resolution PCC.I / RES. 104 (IX-06),

TAKING IN ACCOUNT:

a)   The importance that economic regulation tools have for Regulatory Bodies when it comes to fulfilling their goals;

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[5] CCP.I-TEL/doc. 1047/07 rev.1

b)   That such goals include the promotion of the development of the telecommunications market, the protection of users, as well as preventing unfair practices and cross-subsidies;

c)   That, for such purpose, it is necessary to have relevant and transparent information,

RECOGNIZING:

a)   That for the above purposes, it is extremely useful to survey within the framework of CITEL the status of the Administrations regarding economic regulations, especially in terms of the availability of Regulatory Accounting systems;

b)   That such information should be also systematized by identifying the different alternatives applied in the Region,

RESOLVES:

1.   To invite the Administrations and Associate Members of PCC.I to participate in the draw up of a questionnaire designed to collect information related to the status of the Administrations in connection with economic regulations, especially in terms of the availability of Regulatory Accounting systems.

2.   To that aim, to create a study question in the TARIFF discussion group at the electronic forum within the framework of the Rapporteur Group on Telecommunications Economic Aspects of the Working Group on Policy and Regulatory Considerations, coordinated by the Rapporteur.

3.   To make available, through the Rapporteur, for a possible approval during the next PCC.I meeting, the questionnaire prepared on the basis of the information gathered at the forum.

CCP.I/RES. 109 (X-07) [6]

QUESTIONNAIRE FOR UPDATING INFORMATION ON INTERCONNECTION

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

RECOGNIZING:

a)   That the information available on interconnection under the framework of CITEL is included in the Document called "CITEL Guidelines and Practices for Interconnection Regulation" drafted in 1999;

b)   The importance of interconnection in the development of information and communication technologies for the countries of the region;

c)   That the elements to be considered for this purpose shall cover not only regulatory aspects, but also technical and economic aspects;

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[6] CCP.I-TEL/doc. 1053/07 rev.2

d)   The importance of having available updated information on interconnection in the countries of the Americas,

RECOGNIZING FURTHER:

That the Permanent Consultative Committee of CITEL, by means of Resolution CCP.I/RES. 37 (III-03), requested CITEL's Administrations to update and/or include information, as applicable, from the Document called "CITEL Guidelines and Practices for Interconnection Regulation"; said request was repeated in decision CCP.I/DEC. 13 (IV-04),

RESOLVES:

1.   To update the information included in the document called "CITEL Guidelines and Practices for Interconnection Regulation" by answering a questionnaire to be submitted in the XI meeting of PCC.I.

2.   To include in this study topics of economic and technical nature that have an impact on interconnection, as well as any other aspect considered relevant to the study by Member States.

3.   To submit a report to the Rapporteur Group on Telecommunications Economic Aspects based on the analysis of the results of the questionnaire.

4.   To invite all other administrations, if so willing, to participate in the update of the guidelines and practices for interconnection under the coordination of the Administrations of Dominican Republic and Venezuela.

5.   To create a Discussion Group at CITEL electronic forum in order to facilitate the compilation of suggestions and comments from the member countries, intended to contribute with the drafting of the questionnaire. This Group will be jointly coordinated by the Administrations of Venezuela and the Dominican Republic.

PCC.I/RES. 110 (X-07) [7]

EXPANDING AFFORDABLE ACCESS TO THE INTERNET

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

CONSIDERING:

a)   That affordable and broader access to the Internet is a priority topic both from an economic and a public policy perspective;

b)   That at the World Summit on the Information Society, the issue of how to advance access to the Internet was a key discussion;

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[7] CCP.I-TEL/doc. 1054/07 rev.1

c)   That CITEL supports continuing exploration of this topic, especially with regard to the Americas and in particular, CITEL supports greater information sharing about levels of access to the Internet for the people of the region to facilitate the goal of broader and affordable access to the Internet,

RESOLVES:

1.   That CITEL´s Rapporteur Group of Telecommunications Economic Aspects of the Working Group on Policy and Regulatory Considerations begin to explore how to advance access to Internet in the region.

2.   That the Rapporteur´s Group creates a work program for this purpose.

PCC.I/RES.111 (X-07) [8]

WORKSHOPS ON THE IMPACT OF FRAUD ON THE PROVISION OF TELECOMMUNICATION SERVICES IN THE AMERICAS

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

CONSIDERING:

That the Rapporteur Group on Fraud Control in Telecommunication Services presented at the X meeting:

-       Report of the results of the questionnaires on Policies and best practices on fraud control in the area of telecommunications (document CCP.I-TEL/doc. 1003/07).

-       Report on organizations studying the subject of Fraud Control in telecommunications (document CCP.I-TEL/doc. 1011/07).

-       Report on fraud typologies and possible impact on telecommunication service provision (document CCP.I-TEL/doc. 1013/07).

CONSIDERING FURTHER:

That the Rapporteur Group must:

-       Study and identify the various fraud modalities and unauthorized access to telecommunication services observed in Member States and compile international best practices to minimize the effect of fraud and unauthorized access in telecommunications networks and services; and

-       Develop joint strategies to fight against fraud and unauthorized access in telecommunications,

TAKING INTO ACCOUNT:

That the documents submitted by this Rapporteur Group include the proposal of a series of regional workshops with experts, with the purpose of raising awareness in the Americas on issues related to Fraud,

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[8] CCP.I-TEL/doc. 1059/07 rev.3

so as to create cross-national cooperation mechanisms to fight the scourge of fraud, as well as looking for resources to organize it with no need of further funds contributed by CITEL,

RESOLVES:

1.   To organize, based on the schedule and methodology included in the Annex, workshops on:

-          The impact of fraud on users, States and operators of the Region.
-          Operators and Providers: Joint work for the prevention of fraud situations.
-          Anti-fraud technological and administrative tools.
-          Inter-state and inter-sector mutual cooperation mechanisms to minimize the impact of fraud.
-          International bodies that study the issue of fraud, its scope and ways of participation.
-          Creating appropriate anti-fraud legislation, regulation and control.

2.   To appoint the Rapporteur of the Group on Fraud Control in Telecommunication Services, Mr. Giovani Mancilla, as coordinator of the above-mentioned workshops.

3.   That these seminars shall be held without using CITEL's financial resources.

TO INSTRUCT THE CITEL EXECUTIVE SECRETARY:

1.   To communicate with the World Bank in order to request sponsorship of Workshop No. 3.

2.   To prepare the lists of participants.

3.   To make available and send the documents to CITEL's members.

4.   To provide the necessary support regarding the organization of the various events.

5.   To ensure the effective application of the described methodology.

ANNEX TO RESOLUTION PCC.I/RES.111 (X-07)

WORKSHOP SCHEDULE AND METHODOLOGY

Workshop	Topic	Proposed Date
1	The impact of fraud on users, States and operators of the Region.	June 2007 teleconference sponsored by *Colombia Telecomunicaciones*, dialing the number provided to that effect.
2	Operators and Providers: Joint work for the prevention of fraud situations.	During the XI meeting of PCC.I.
3	Anti-fraud technological and administrative tools.	November 2007.
4	Inter-state and inter-sector mutual cooperation mechanisms to minimize the impact of fraud.	During the XII meeting of PCC.I.

5	International bodies that study the issue of fraud, its scope and ways of participation.	May 2008 Audio with COMTELCA.
6	Creating appropriate anti-fraud legislation, regulation and control.	During the XIII Meeting of PCC.I.

METHODOLOGY:

Dates:
Workshops shall be organized following the schedule mentioned in these Annex and shall be held via teleconferences, videoconferences or attendance-based during the PCC.I meetings. Attendance-based meetings will be webcasted when possible.

Length
Each workshop shall last 4 hours and, based on the interest shown, they shall be given in English and Spanish in two separate sessions, aiming at obtaining intensive participation by all countries.

Speakers
According to the event Coordinator's instructions, the Secretariat of CITEL will forward the invitation and pre-registration to the sector to participate as speakers in each of the proposed subjects.

CITEL Members, may propose expert candidates expert on this subject from their countries and, additionally, the event Coordinator shall look for international experts for each specific topic, so that their contributions may improve the sector's knowledge and then be used as a key factor to develop actions.

The event Coordinator shall submit the full agenda at least two months before the scheduled workshop date; time available shall be equally allotted among the speakers.

Participants
Those interested parties that previously registered with the Secretariat of CITEL may attend the workshops. The Secretariat of CITEL shall inform all registered people about the methodology for participation. In case of a large number of registered participants, participation procedures shall be decided upon.

For example, two different workshops could be held, one for Spanish-speaking countries and another one for English-speaking countries, on two consecutive days. CITEL shall set the definitive dates, taking into account the activities that it performs. The workshop dates shall be notified not later than one month in advance of the scheduled date.

Compilation of documents
The Secretariat of CITEL shall compile all the relevant documents, and must make them available on the Internet.

For this event, each participant shall submit their documents at least two weeks before each workshop is held.

Certificate of Attendance
The Secretariat of CITEL will extend a communication of appreciation to all speakers.

PCC.I/RES. 112 (X-07) [9]

IMPLEMENTATION OF A CITEL´S KNOWLEDGE SHARING SYSTEM

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

CONSIDERING:

a)   That the Mandate of the Working Group on Development provide for the identification of specific actions oriented towards the solution of the digital gap and the universalization of the use of information and communication technologies (ICTs) to enable, among other things, the transfer of technology and knowledge specially to developing countries;

b)   That the Terms of Reference of the Working Group on Development provide for the performance of tasks that contribute to the development of human capabilities regarding subjects assigned to the Working Groups of the PCC.I;

c)   That pursuant to the Principles and Action Plan of the World Summit on the Information Society, CITEL shall play a relevant role in order to provide the peoples of the Americas with access to its benefits;

d)   That it is necessary to implement information and knowledge transfer mechanisms based on the application of ICTs to attain the WG on Development strategic goals for 2006-2010,

RESOLVES:

1.   That the PCC.I, through the Secretariat of CITEL, studies the implementation on the basis of CITEL Electronic Forum, the so called "CITEL's Knowledge Sharing System", which will be used to establish discussion groups, theme-specific groups and forums for the electronic exchange of experiences, to generate knowledge and foster the exchange of information and experience between regulators, administrations, companies, professionals of the sector, universities, educational centers, laboratories, research centers and other professionals and public and private organizations related to the sector of telecommunications and information and communication technologies.

2.   To establish the following guidelines included in the annex to establish and operate CITEL's KNOWLEDGE SHARING SYSTEM:

INSTRUCTS THE SECRETARIAT OF CITEL:

To analyze the proposal and submit to the XI Meeting of the PCC.I a Work Plan for possible implementation.

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[9] CCP.I-TEL/doc. 997/07 rev.2

ANNEX TO RESOLUTION PCC.I/RES. 112 (X-07)

CITEL's KNOWLEDGE SHARING SYSTEM (CITEL - KSS)

Objective

Provide for the electronic exchange of information, experience and knowledge among the different stakeholders in the telecommunications sector and other Information and Knowledge Technologies within CITEL Member States.

Operation outline

Professionals, companies, public and private organizations, universities and research centers duly registered with CITEL and duly authorized to participate in one or several system management modalities, will be able to participate freely and voluntary in CITEL - KSS.

Management modalities

Three management modalities for CITEL - KSS –are defined:

1)   Discussion groups;
2)   Theme-specific groups; and,
3)   Forum for the exchange of experiences.

1)   Discussion groups.- Virtual spaces for the exchange of experiences and knowledge on specific aspects or subjects. Duration will be determined by CITEL.

All stakeholders duly accredited before CITEL, prior registration and verification for access, will be able to participate freely and voluntarily in such discussion groups. Such participation shall not be deemed official by CITEL, the Member States or associate institutions.

2)   Theme-specific groups.- Virtual spaces for the exchange of experiences and knowledge in order to achieve specific objectives established by CITEL, or to act as support or reference for the attainment of such objectives.

Only Member States or associate institutions shall participate in theme-specific groups aimed at attaining specific objectives established by CITEL. Results shall follow the ordinary CITEL documentation approval process.

In the case of theme-specific groups focused on the generation of specific support or reference knowledge for the attainment of CITEL goals, all participants duly accredited by CITEL, prior registration and verification for access, will be able to contribute freely and voluntarily (not limited only to Member States or associate institutions).

3)   Forum for the exchange of experiences.- Includes the free and voluntary contribution of participants duly accredited by CITEL, not limited to delegates or participants from Member States or associate institutions. The Forum for the exchange of experiences will be a forum of free opinion and participation aimed at consulting and exchanging information and experiences related to the sector regulatory and development affairs in the CITEL Member States.

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

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

RESOLVES:

1.   To hold the XI Meeting of the Permanent Consultative Committee I: Telecommunications on September 2007 in Argentina.

2.   To adopt the Draft Agenda for the XI Meeting of PCC.I attached to this resolution.

ANNEX TO RESOLUTION PCC.I/RES. 113 (X-07)

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 XII Meeting of PCC.I.

5.   Approval of the Final Report.

6.   Other Business.

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.

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[10] CCP.I-TEL/doc. 1069/07

4.3   Meeting of the Rapporteur Group on Advanced Services.

5.   Work plan revision.

6.   Other Business.

7.   Adoption of the final report.

8.   Conclusion of the meeting.

WORKING GROUP ON POLICY AND REGULATORY CONSIDERATIONS (WGPRC)

1.   Approval of the Agenda.

2.   Meeting and Report of the Rapporteur Groups.
        2.1.   Rapporteur Group on Issues relative to Internet Resources.
        2.2.   Rapporteur Group on Telecommunications Economic Aspects.
        2.3.   Rapporteur Group on Cybersecurity and Critical Infrastructure.
        2.4   Rapporteur Group on MRA and Conformity Assessment Procedures.
        2.5.   Rapporteur Group on Convergence.
        2.6.   Rapporteur Group for the Preparation of WTSA and WCIT.

3.   Other business.

4.   Approval of the final report.

WORKING GROUP ON NETWORK OPERATION AND SERVICE PROVISIONING (WGNOSP)

1.   Approval of the Draft agenda and calendar.

2.   Report and meeting of the Rapporteur Groups

2.1   Rapporteur Group on Impact of New Services
        ▪ To present a report on the background of CITEL, ITU, APEC, OECD and others on the subject.
        ▪ Draft Resolution on the development of a technical notebook on strategies and experiences related to the introduction of new services in a convergent environment and the corresponding indicators.

2.2   Rapporteur Group on Interconnection and Interoperability of Networks

        ▪ To compile studies and reports related to interconnection and network operation considered in the previous PCC.I working groups, which will be provided at the XI meeting.
        ▪ To work on the analysis to prepare a survey on the needs of bandwidth for 2010. This survey will be presented during the XI meeting.
        ▪ To work on the survey that will allow to meet the objectives considered in CCP.I-TEL/doc. 958/07 on "Goals on the study of NGNs in the region".

2.3   Rapporteur Group on Fraud Control in Telecommunication Services

- To update the results of the surveys that are in circulation among the Member States on stolen terminals and best practices in telecommunications fraud control submitted in the previous session.
- To prepare a document to recommend the activities to follow among Member States according to the results obtained.
- Report on the CITEL background on fraud typification.
- To develop a table of contents of the technical notebook on the subject.
- Based in the workshops that took place to adjust the activities.

2.4   Rapporteur Group on Numbering and Addressing

- To submit a report on the mapping of the national plans of numbering in the countries of CITEL.
- To submit a draft of a technical notebook on ENUM.
- To submit an updated technical notebook on number portability.

3. Report of the meeting.
4. Other business.

WORKING GROUP ON DEVELOPMENT (WGD)

1.   Approval of the draft agenda and calendar.

2.   Report and Meeting of Rapporteur Groups.

3.   Definition of structure, mandate, terms of reference and action lines or Work Plan for the Rapporteur Group on Emergency Telecommunications and disaster relief and prevention.

4.   Issue on projects, documents and initiatives on the use of ICT.

5.   National and international ICT parameters for areas or groups insufficiently serviced or under special situations.

6.   Report of the Meeting.

7.   Other business.

STRUCTURE AND TERMS OF REFERENCE OF THE WORKING GROUPS OF PCC.I

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

CONSIDERING:

a)   The new mandate received from the IV Assembly, approved by Resolution CITEL RES. 55 (IV-06);

b)   The new structure of PCC.I and the mandates and terms of reference of the Working Groups approved by Resolution CCP.I/RES. 91 (VIII-06),

RESOLVES:

1.   To approve the structure, mandate and Terms of Reference for the Working Groups of PCC.I as indicated below.

2.   To derogate Resolution PCC.I/RES.104 (IX-06).

ANNEX TO RESOLUTION PCC.I/RES.114 (X-07)

1.   WORKING GROUP ON TECHNOLOGY [12]

1.1   Rapporteur Group on Standards Coordination

Mandate:

To focus on the study of standards that are necessary for the smooth transition to Next Generation Networks (NGN). To address issues relating to the convergence of existing networks in a way that maintains interoperability across the Region. To make specific recommendations (Standards Coordination Documents, Technical Notebooks, etc.) that best serve the current and future needs of the users of these networks throughout the Region.

Terms of Reference:

a)   Identify and evaluate technical issues related to the service, architecture and protocol standards required for the 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)   Draw primarily on the work of existing standards-setting bodies, including the ITU-T, IETF, and other fora as appropriate.

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[11] CCP.I-TEL/doc. 1073/07

[12] CCP.I-TEL/doc. 938/06 rev.1

c)   Recommend endorsement of standards that deal with, but are not limited to, the following topics:

- Multimedia service definition and architectures;
- Signalling requirements and protocols (converged 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;
- Metropolitan and Long haul optical transport networks;
- Access network transport (LANs, xDSL, Ethernet, cable modem, fiber, Wireless LANs, etc.);
- Terminals (PC, TV, PDA, phone, codecs, etc.);
- 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)   Develop Technical Notebooks that best serve the current and future needs of the users of telecommunications networks throughout the Region;

e)   Identify, on a timely and ongoing basis, obstacles that could prevent full interoperability of networks throughout the Americas and to report on these to the Working Group on Technology;

f)   Establish liaisons with other standards bodies and industry fora as necessary to progress the work.

1.2   Rapporteur Group on Network Infrastructure

Mandate:

To focus on the study of network infrastructure required to support secure, high-performance, network based delivery of personalized services (voice, data and multimedia) to end users – regardless of time and place. To address issues relating to the convergence of existing networks in a way that maintains interoperability across the Region. To make specific recommendations (Technical Notebooks, etc.) that best serve the current and future needs of the users of these networks throughout the Region.

Terms of Reference:

a)   Develop frameworks, architectures and scenarios to foster the enhanced understanding of new networks and related technologies in the region of the Americas - how they interrelate, and how they contribute to network and service convergence and evolution.

b)   Investigate, report on, and raise awareness of new network technologies, such as Next Generation Networks, Wide Area Ethernet, Broadband Access, and their application among the Member States of the region.

c)   Develop Technical Notebooks and related guidelines that best serve the current and future needs of the users of telecommunications networks throughout the Region.

d)   Identify, on a timely and ongoing basis, obstacles that could prevent full interoperability of networks throughout the Americas and to report on these to the Working Group on Technology.

e)   Establish liaisons with other industry fora as necessary to progress the work.

1.3   Rapporteur Group on Advanced Services

Mandate:

To focus on the study of the development of next generation services, especially supported by IP and their impact in the Americas Region; as well as providing information on these services to the countries of the Region. To promote projects geared towards facilitating the delivery of personalized services (voice, data and multimedia) to end users – regardless of time and place. To make specific recommendations (Technical Notebooks, etc.) that best serve the current and future needs of the users of these networks throughout the Region.

Terms of Reference:

a)   Develop studies on the development of next generation services in the region of the Americas.

b)   Investigate the impact on the implementation of new telecommunication services, particularly those supported by IP, such as IP Telephony, IPTV, Location, Push/Pull, Presence, Multimedia, and Emergency Communications Services - as well as providing information about these services to the countries of the Region.

c)   Develop Technical Notebooks and related guidelines that best serve the current and future needs of the users of telecommunications services throughout the Region.

d)   Identify, on a timely and ongoing basis, obstacles that could prevent full interoperability of services throughout the Americas and to report on these to the Working Group on Technology.

e)   Establish liaisons with other industry fora as necessary to progress the work.

2.   WORKING GROUP ON POLICY AND REGULATORY CONSIDERATIONS [13]

2.1   Rapporteur Group on issues relative to Internet resources

Mandate:

To focus on the analysis of government policies and experiences in management of ccTLD and IP address blocks, including a comparative analysis of these experiences in order to identify "Best Practices" in the countries of the region.

Terms of reference:

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[13] CCP.I-TEL/doc. 896/06 rev.2

a)   Continue working with Member States and Associate States in collection of information on Internet resources, namely: ccTLD and IP address block management, including the activities of other competent organizations.

b)   Analyze regional policies on IP address block management.

c)   Follow up ICANN activities, especially the organization's reform process.

d)   Follow up the tasks of the UN General Secretary Group for Internet Governance, in coordination with the Rapporteur Group on Telecommunications Economic Aspects.

2.2   Rapporteur Group on Telecommunications Economic Aspects

Mandate:

To develop studies on the economic aspects and tariff principles of the telecommunications systems, and to examine the need for new or adapted charging and accounting mechanisms for the provision of such services in the Region**.**

Terms of reference:

a)   Identify, analyze and evaluate cost models for the different telecommunication services, prioritizing the experience in the region and the needs of member countries, with an ongoing evaluation of the impact of new technologies.

b)   Identify, analyze and evaluate the economic aspects relative to new generation network-based services in the countries of the region, considering their impact on the sector growth, their costs and potential savings.

c)   Study the economic aspects relative to tariffs such as rates, access charges, etc., considering the impact on new generation networks.

d)   Identify, analyze and evaluate the different factors relative to the activities in telecommunications, their impact on economic growth and income distribution.

e)   Study economic aspects associated with Internet in the Americas (International Internet Connectivity and Traffic Flow Methodologies).

f)   Study competitiveness in the telecommunications market, including the effects of anti competition practices and regulatory measures to prevent them.

g)   Take into account the activities of ITU-T Study Group 3, so that contributions from the Region of the Americas can be submitted.

h)   Update the information included in the document called "CITEL Guidelines and Practices for Interconnection Regulation"

2.3   Rapporteur Group on Cybersecurity & 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 other fora on issues pertaining to the security and critical infrastructure of communication networks across the region. 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.

Terms of Reference:

a)   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, taking into account ongoing activity in the ITU-D sector (question 22/1).
- Review the various frameworks and guidelines on network and cyber security and their applicability within the Americas region.

b)   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)   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. Other existing standards-setting bodies, including the IETF, and Regional SDOs will also be considered, as appropriate.

d)   Identify, on a timely and ongoing basis, obstacles to implementation of security measures in the networks of the region.

e)   Establish liaisons with other standards bodies and industry fora as necessary to advance work on the OAS mandates.

2.4   Rapporteur Group on Mutual Recognition Agreements and Conformity Assessment Procedures

Mandate:

To encourage the implementation of the Inter-American MRA and to study the conformity assessment requirements of telecommunication equipment in the different Member States.

Terms of Reference:

a)   Work towards the implementation of the Inter-American MRA.

b)   Hold a workshop on a yearly basis to provide information and training to members which are planning to implement the MRA and to hold forums and seminars on conformity assessment (i.e. certification processes) to promote information and capacity building of human resources in the Region.

c)   Cooperate with other regional groups especially the APEC TEL group in the implementation of the MRA.

d)   Complete the Yellow Book on Telecommunication Equipment Conformity Assessment Processes in the Americas.

e)   Study the requirements of the Conformity Assessment processes for telecommunication equipment in the different Member States.

2.5   Rapporteur Group on Convergence

Mandate*:*

To exchange information and experiences on convergence from the viewpoint of regulatory and telecommunication policies, aiming to issue reports, proposals and guidelines that facilitate adjustment of regulatory frameworks and the establishment of new policies in accordance with convergence tendencies.

Terms of reference:

a)   Collect regulatory, policies and market information on service provision and networks within a framework of convergence in CITEL member countries.

b)   Study and analyze international best practices relative to convergence from a regulatory and policy viewpoint, as well as from the perspective of its impact on the consumer and the industry.

c)   Identify potential domestic barriers to the implementation and development of convergence and interconnection.

d)   Provide proposals and guidelines regarding the adequacy of regulatory frameworks and the establishment of policies that foster the development of convergence and user protection.

2.6   Rapporteur Group for the Preparation of WTSA and WCIT

Mandate*:*

To coordinate the regional preparations for the World Telecommunication Standardization Assembly (WTSA) and the World Conference on International Communications (WCIT) by the ITU.

Terms of reference:

a)   Identify issues that are relevant to the region in connection with the activities in the Telecommunication Standardization sector of the ITU (ITU-T); discuss possible solutions and elaborate proposals to address those issues.

b)   Coordinate common Inter-American proposals for submittal before the WTSA by CITEL.

c)   Define regional actions, based on the results on International Telecommunications Regulations of the Plenipotentiary Conference of 2006.

3.   WORKING GROUP ON NETWORK OPERATION AND SERVICE PROVISIONING (GNOSP) [14]

3.1   Rapporteur Group on the Impact of New Services

Mandate:

To study and recommend strategies and best practices for the appropriate deployment and provisioning of telecommunication services in a convergent environment.

Terms of reference:

a)   Study different service provisioning modalities in a convergent environment and their impact on the sector players.

b)   Study the feasibility of implementing convergent services in the region.

c)   Identify strategies and experiences to be a reference for the appropriate implementation of service provisioning in a convergence environment.

d)   Promote the exchange of experiences related to the provisioning of new ICT based services.

Activities:

a)   Review CITEL information in connection with new services and convergent environments.

b)   Submit a study of service provisioning practices in convergent environments, based on data collected from a questionnaire answered by member administrations and associate members.

c)   Create a Technical Notebook on strategies and experiences related to the introduction of new services and services into a convergence environment.

d)   Compile information documents regarding this issue and initiatives proposed by other bodies related to the sector (ITU, APEC, OECD, others).

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[14] CCP.I-TEL/doc. 933/06 rev.1

3.2 Rapporteur Group on Interconnection and Interoperability of Networks

Mandate:

To study interconnection and interoperability issues to be faced by operators in the region as a result of the evolution towards convergent networks.

Terms of reference:

a) Recommend transparent interconnection and interoperability framework agreements among operators with a view to convergent networks.

b) Recommend regional dimensioning models for convergent networks which provide levels of service compliant with ITU´s international standards.

c) Foster network development initiatives that would guarantee the quality of services provided at Inter-American level, such as deployment of redundant networks, supervision of compliance with standards related to packet loss rate, delays, etc.

Activities:

a) Accomplish transparent interconnection and interoperability among different operators with a view to convergent networks.

- Interoperability among VoIP operators:
  - Confidentiality of information shared among operators
  - Exchange of information. Type of information, formats, contents, etc.
  - Quality of service
  - ENUM
  - Emergency Services
  - Emergency response
- Exchange of information among Legacy Networks and Convergent Networks.

b) Recommend regional dimensioning models for convergent networks which provide levels of service compliant with ITU´s international standards.

- Convergent networks dimensioning models:
  - Level of Service
  - Dimensioning algorithms

c) Foster network development initiatives that would guarantee the quality of services provided at Inter-American level, such as deployment of redundant networks, supervision of compliance with standards related to packet loss rate, delays, etc.

- Transport redundancy to ensure the reliability of the services provided:
  - Bandwidth projection for the countries in the region.

3.3 Rapporteur Group on Fraud Control in Telecommunication Services

Mandate: Study and recommend strategies and best practices to detect and reduce fraud in the area of telecommunications.

Terms of reference:

a)   Study the different methods of perpetrating fraud and unauthorized accesses to the networks used in the provision of telecommunication services.

b)   Define strategies and best practices to increase network security in order to minimize the impact of fraud and unauthorized accesses.

c)   Promote dialogue and regional exchange of information on fraud in telecommunications and unauthorized accesses.

Activities:

Review and carry out the outstanding tasks necessary to fulfill the mandate related to the following issues:

a)   Review the tasks performed by the previous Rapporteur Group, identify issues that need to be followed up and changes to be introduced to fully comply with the requirements of the new PCC.I authorities.

b)   Continue with the work done by the previous Rapporteur, in terms of continuing with the current action plan, particularly the questionnaire, which must be sent before September 29.

c)   Review CITEL's background information regarding fraud and unauthorized access to telecommunication networks.

d)   Study and identify the different methods of perpetrating fraud and unauthorized access to telecommunication services in Member States.

e)   Bring together international best practices to minimize the impact of fraud and unauthorized access to telecommunication networks and services.

f)   Foster cooperation between Member States on aspects related to fraud control and access security to telecommunication networks.

g)   Invite Member States to develop joint strategies for the fight against fraud and unauthorized access to telecommunications.

h)   Establish liaisons with organizations specializing in preventing fraud and network security in telecommunications.

i)   Create a Technical Notebook on strategies and best practices for Fraud Control and access security to telecommunication networks.

j)   Identify tasks to be performed with the other groups, define the methodology for participation and work scope with those groups.

k)   Identify Study Groups dealing with the issue at the ITU, study the scope thereof, the resolutions passed by them, establish methodologies to exchange information, and set scenarios for mutual cooperation aimed at attracting the best practices and knowledge developed by this global organization to the Americas.

3.4   Rapporteur Group on Numbering and Addressing

Mandate:

To identify and evaluate technical issues related to Numbering Plans for the network evolution and new services, and to meet the demand of numbering resources to support convergent networks, as well as creation of specific recommendations and Technical Notebooks.

Terms of Reference:

a)   Identify and evaluate technical issues related to Numbering Plans for the network evolution and new services.

b)   Identify Recommendations of the ITU and other bodies and fora as appropriate.

c)   Establish liaisons with other standard bodies and industry fora as necessary to advance the work.

d)   Develop studies on the impact of new services on convergent networks.

e)   Study topics related to services, numbering systems and addressing.

f)   Elaborate best practices guidelines of Numbering Plans.

g)   Study and evaluate technical issues related to portability.

h)   Study   and evaluate technical issues related to ENUM.

4.   WORKING GROUP ON DEVELOPMENT [15]

4.   Strategic objectives for the 2006-2010 period

a)   To facilitate, promote, and encourage telecommunication development and universalization in the countries of the region, supporting their growth and taking into consideration possible deployment of modern technologies in developing countries.

b)   To take into account the Quito Action Plan mainly regarding "the Agenda of Connectivity for the Americas", coordinating efforts with the corresponding COM/CITEL group, towards achieving real connectivity of the countries in our region, both in physical networks as well as in services and platforms.

c)   To review and consider the decisions made by the countries at the Summit on the Information Society in Tunis, especially the issues referring to access to Information Society. Also consider the topics

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[15] CCP.I-TEL/doc. 902/06 rev.3

worked upon and studied in other international and regional forums regarding the use of ICT in order to join efforts and provide more efficient solutions.

d)   To achieve a genuine technology and knowledge transfer among the countries of our region, especially between the most developed and the ones with the best telecommunication technology research development capacity and developing countries, mainly in areas concerning Human Resources and cooperation on research and development projects.

e)   To spread and encourage the mass use of Information and Communication Technologies by promoting their knowledge and development, thus narrowing the Digital Gap. To foster the Information and Knowledge Society, fight Digital Exclusion and achieve the development of national, regional and world proprietary services in our countries so that each of them can participate with their own identity in the Regional and World Information Society.

f)   To raise awareness among the Member States and make the necessary efforts to integrate each country of our region, vulnerable groups, those with different capacities and cultures and the indigenous communities in order to contribute to the development of those groups by means of the ICT, as an overall part of the Telecommunication development in our countries.

g)   To put forward studies, recommendations and initiatives to make Broadband access a reality in our countries, together with objective e).

h)   To develop strategies to diminish   the vulnerability of telecommunication infrastructures to natural disasters and encourage the use of all kinds of communication means that may improve access to communication in case of disaster, taking into account that telecommunication infrastructure provides the necessary means and links to prevent and mitigate the impact of catastrophes as well as enhance aid operations. They are even more necessary for people who live in extreme poverty conditions and/or have no access to basic communication facilities where they could be warned about imminent catastrophes.

i)   To recognize the importance of the gender perspective and the need to improve women's equal access to ICT benefits and to ensure these can become a fundamental tool to empower women and to promote gender equality. The policies, programs and projects must ensure that the differences and inequalities in ICT access and use are identified and dealt with in a comprehensive way.

Should there be any subjects of interest, work can be done together with ITU so as not to duplicate efforts.

4.2   Specific objectives for the 2006-2010 period

a)   To identify and develop Human Resources training actions, in coordination with the Coordination Center for the Development on Human Resources of COM/CITEL based on the needs of the Member States, taking into account the different training methodologies so as to fit the realities of the different countries and achieve greater training efficiency. Foster exchange of experiences.

b)   To identify and propose studies and projects, frameworks and joint ventures both among Administrations and among Associate Members, aiming to collaborate with the Working Group on Connectivity of COM/CITEL.

c)   To study and disseminate the most efficient alternatives (technological, regulatory, etc.) to bring telecommunication services to remote or out-of-reach places, to populations or regions with almost no

access to telecommunication. To direct efforts to achieve a real penetration of telecommunication services, especially in countries with lower penetration.

4.3   Main activities to be developed by WGD in the 2006-2010 period.

a)   Working together with the Coordination Center for the Development on Human Resources of COM/CITEL, to identify the telecommunication training needs of the human resources of the Member States, and based on this, establish action plans for training divided into three big blocks: Operation, Middle Management and Managerial levels, each level receiving technical, economic, regulatory and general administrative training.

b)   To study, jointly with the corresponding COM/CITEL group, the different realities in the region regarding connectivity, identifying the service and network connectivity status in the convergent reality, mainly reporting the issues concerning data network connectivity, especially those based on Internet Protocol. To make suggestions to enhance connectivity throughout the region.

c)   In order to identify the most efficient technologies to provide telecommunication services, consider solutions via satellite, IP services, wireless solutions, etc. Furthermore, new indicators should be identified or the ones regarding penetration of telecommunication services should be enhanced, since many times they do not properly reflect reality.

d)   Identify and recommend the adoption of regulatory actions and policies for efficient deployment of universal access, access by people with disabilities, access in rural areas, etc., in member countries.

e)   Identify and recommend the adoption of technologies, regulatory actions and policies aiming to enable a better and more efficient access to Broadband, both for wired and wireless services, pursuant to the objectives of the WSIS.

f)   Analyze and recommend actions aiming to propose solutions to the gender equality issue and to include diversity realities and cultural identity, as well as language diversity and local content of the different countries in the region.

4.4   Structure

4.4.1   Rapporteur Group for developing ICT 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 ICT in areas or towns with unattended needs.**

Mandate:

To compile, study and disseminate information on best practices and experiences of the region as regards attention to indigenous peoples and communities, people with disabilities and areas and groups with unattended needs, with the object of establishing priorities for the actions in the scope of the activities of the Working Group on Development.

Terms of reference:

a)   Identification of the reference parameters for the successful development of ICT on each of the study questions of the Rapporteur, according to the research, recommendations and compromises made in the subject.

b)   Know the status of the implementation of said parameters through the administrations of the region.

c)   Establish recommendations and activities in the framework of the mandate of the Working Group on Development based on the priorities that result from the status.

d)   Identify activities and recommendations for the private sector in the subject, contributing to the joint work for bridging the digital divide for these sectors.

4.4.2   Rapporteur Group on scientific and technological research and technology transfer

Mandate:

To promote issues related to technology transfer, innovation and knowledge, especially in the developing countries of the Americas, and foster cooperation in telecommunication scientific and technological research, in order to improve competitiveness of domestic economies in the global market of the telecommunications industry.

Terms of Reference:

a)   Encourage the development of strategies for scientific research, innovation, technology and knowledge transfer, within the telecommunication environment, as well as cooperation mechanisms and networks belonging to the main institutions of higher education and research in the Americas Region.

b)   Promote scientific research programs and technology and knowledge transfer in the telecommunication environment that enable socio-economic development and ICT access for the citizens in the Region in order to overcome the Digital Divide.

c)   Promote national, sub-regional and regional networks for interaction and cooperation among research and technology institutions, involving them in local production systems and encouraging the creation of technology clusters or groups devoted to the telecommunication industry in the countries within the region that develop innovation activities for the production of high added value goods and services.

d)   Encourage the interrelation and participation of the scientific and academic community, the public and private sectors and research centers and networks, for the promotion, communication, development and application of ICT, as well as education and training of professionals using, among others, CITEL Regional Training Centers and the ITU Center of Excellence for the Americas Region.

e)   Cooperate, within the telecommunication environment, with the efforts facilitating a better integration between research and innovation, on issues regarding the environment, for example, issues related to non-ionizing electromagnetic radiation, waste and recycled telecommunication equipment, battery disposal, etc. and promote the creation of Science and Technology forums for Sustainable Development (STFSD) and its active inclusion in the agenda of the governments of the Region.

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

Prepare a Technical Notebook or Reference Document formatted as a table identifying and describing existing projects and initiatives related to ICT, the countries and sub-regions where those projects are been implemented and their progress status for the development of Latin America and the Caribbean.

IV. DECISIONS

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

DECIDES:

PCC.I/DEC. 44 (X-07) [16]	1. To establish a Discussion Group on the use of Telecommunications in Disaster Prevention and Mitigation. 2. To request the CITEL Secretariat to ask the Administrations on the ongoing initiatives regarding the use of telecommunications in Disaster Prevention and Mitigation, as well as problems that appear before, during and after such disasters and to what extent the Group can provide support to the Administrations. 3. To program the organization of a workshop on Telecommunications in Disaster Prevention and Mitigation during 2007. 4. To present the results of the *decide* 2 and the mandate, terms of reference and work plan of a Rapporteur Group on the issue during the XI Meeting of the PCC.I

PCC.I/DEC. 45 (X-07) [17]	1. To establish a discussion group on CITEL's electronic forum for each of the Rapporteur Groups of the Working Group on Network Operation and Service Provisioning (WGNOSP) on:
	
	   - Impact of New Services
	   - Interconnection and Interoperability of Networks
	   - Fraud Control in Telecommunication Services
	   - Numbering and Addressing
	
	These discussion groups will help centralize all contributions made to each corresponding issue.

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16 CCP.I-TEL/doc. 1019/07 rev.2

17 CCP.I-TEL/doc. 1040/07

	2. To appoint the Rapporteurs for each group to fulfill the role of coordinator in each of the above mentioned discussion groups. 3. To request CITEL members to participate in said discussion groups.
PCC.I/DEC. 46 (X-07) [18]	1. To instruct the Executive Secretary of CITEL to send to CITEL's Member States' Administrations and PCC.I Associate Members, the questionnaires which are attached to document CCP.I-TEL/doc. 977/07, and to inform them that the Study Group 6 of ITU-T is still accepting collaboration. 2. To encourage participation by CITEL's Member States and PCC.I Associate Members during said process and request them to forward proposals directly to the Rapporteur dealing with each issue.
PCC.I/DEC. 47 (X-07) [19]	To instruct the Executive Secretary of CITEL to request the Administrations of CITEL's Member States to report on the status of the ratification processes, in their own countries, of the final Proceedings of the Intergovernmental Conference on Emergency Telecommunications (ICET-98), referred to as Tampere Convention, according to the mandates of Resolutions COM/CITEL RES. 93 (VIII-99) and COM/CITEL RES.169 (XIII-03), which encourages Member States to ratify said Convention.
PCC.I/DEC. 48 (X-07) [20]	Considering that the ITU will hold the Fourth World Telecommunications Policy Forum during the first quarter of 2009, and that the Council decides as to the preparations for said forum where some emerging issues will be dealt with, the Executive Secretary of CITEL is hereby requested to inform PCC.II about the concern that some PCC.I Members have expressed regarding the possibility of including the issue of radiocommunications in said Forum's agenda, so as that it can be analyzed accordingly and that proper actions can be adopted.
CCP.I/DEC. 49 (X-07) [21]	To instruct the CITEL Secretariat to send to the members the document CCP.I-TEL/doc.1039/07 rev.4 "DRAFT RESOLUTION PCC.I/RES.XXX (X-07) CSD FOR IETF RFC 3761 THE E.164 TO UNIFORM RESOURCE IDENTIFIERS (URI) DYNAMIC DELEGATION DISCOVERY SYSTEM (DDDS) APPLICATION (ENUM)" for their analysis. The deadline to send the comments is the deadline to submit contributions for the XI meeting of PCC.I.
PCC.I/DEC. 50 (X-07) [22]	1. To instruct the Executive Secretary of CITEL to forward to the Administrations of the Member States, the questionnaire in the Annex to document CCP.I-TEL/doc. 1043/07 rev.1 submitted by the MRA Rapporteur Group,

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[18] CCP.I-TEL/doc. 1041/07

[19] CCP.I-TEL/doc. 1042/07

[20] CCP.I-TEL/doc. 1057/07

[21] CCP.I-TEL/doc. 1070/07

[22] CCP.I-TEL/doc. 1043/07 rev.1

	2. To request the Administrations of the Member States to reply to the questionnaire and forward their replies to the CITEL Secretariat: citel@oas.org, not later than June 29, 2007.
PCC.I/DEC. 51 (X-07) [23]	To request the Secretariat of CITEL: 1. To send CITEL members the TECHNICAL NOTEBOOK, "BEST PRACTICES AND NEXT GENERATION NETWORKS CASES" (document CCP.I-TEL/doc.1015/07 rev.1) requesting contributions. 2. To send CITEL members documents CCP.I-TEL/doc. 1014/07 and CCP.I-TEL/doc. 1015/07 rev.1 requesting their comments and suggestions.
PCC.I/DEC. 52 (X-07) [24]	To conduct a survey on NGN operators in the region in order to know the status of progress in the implementation of ITU's technical recommendations on this matter and to develop guidelines or guides to be used by operators and regulators of the Region to ensure network interoperability and the quality of services provided.
PCC.I/DEC. 53 (X-07) [25]	1. To put an end to the task assigned regarding the creation of a stolen or lost mobile database. The foregoing due to the current status of technology, which renders this type of databases ineffective at tackling the existing problem due to the existing phenomenon of ESN change. 2. To request the Rapporteur Group on Fraud Control in Telecommunication Services to investigate alternatives for the reduction of the problem at hand about stolen or lost mobiles, and to develop a report to be submitted in the framework of the next meeting of PCC.I.
PCC.I/DEC. 54 (X-07) [26]	To instruct the Executive Secretary of CITEL, in coordination with the Chair of the Working Group on Development (WGD) and the Rapporteur of the Group on Scientific and Technological Research and Technology Transfer of the WGD, to establish a liaison with the Department of Education, Culture, Science and Technology of the Organization of American States for exchanging information and working in a coordinated manner.
PCC.I/DEC. 55 (X-07) [27]	To instruct the Executive Secretary of CITEL to send, to the Administrations of CITEL's Member States, the QUESTIONNAIRE ON BEST PRACTICES REGARDING TECHNOLOGY AND INNOVATION AND TECHNOLOGY TRANSFER attached hereto. Furthermore, each administration is requested to provide a contact person to facilitate follow-up. Information shall be sent to Mr. Oscar Galante, Rapporteur of the Group on Scientific and Technological Research and Technology Transfer

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[23] CCP.I-TEL/doc. 1050/07

[24] CCP.I-TEL/doc. 1048/07 rev,1

[25] CCP.I-TEL/doc. 1056/07 rev,1

[26] CCP.I-TEL/doc. 1051/07 rev.1

[27] CCP.I-TEL/doc. 1052/07

	(ogalante@agencia.secyt.gov.ar), with a copy sent to Ms. María Victoria Sukenik (msukenik@secom.gov.ar), and CITEL's Secretariat (citel@oas.org). The suggested deadline to submit answers to the questionnaire is June 15, 2007.
PCC.I/DEC.56 (X-07) [28]	1. To approve a Regional Video-conference Dialogue, to be held during the current year, on the potential of telecommunications in providing assistance during disasters, with the objectives indicated in the annex;

2. To appoint Mr. Rodrigo Robles, of the Administration of Guatemala, as Coordinator of the event;

3. To request the above-mentioned Coordinator to draw up the event schedule and the date on which it will be held, in consultation with the Chair of the PCC.I Working Group on Development, and, through CITEL's Secretariat, to consult the Administrations of CITEL on their interest in taking part in the event;

4. To instruct the Executive Secretary of CITEL to take the corresponding steps with the World Bank for the use of its video-conference network for said purpose, at no cost for CITEL;

5. To request the Coordinator of the event to submit a Report on the event, with the corresponding recommendations, in the first PCC.I meeting to be held after said Dialogue is held.

ANNEX TO DECISION PCC.I/DEC.55 (X-07)

 OBJECTIVES:

– To improve the understanding of current activities to develop emergency telecommunications capabilities and services.

– To understand the Status of international Conventions to facilitate the global circulation of radiocommunication equipment in emergency and disaster relief situations and, in particular, the Inter-American Conventions.

– To examine and summarize the critical legal, regulatory and policy aspects associated with disaster relief.

– To share from experiences to better understand the operational needs and constraints, in particular, identifying areas where problems could have been avoided through the existence of a more suitable ICT infrastructure.

– To explain the roles of all parties affected, such as telecommunications service providers and equipment manufacturers as well as government and private sector representatives of sectors of broadcasting, remote sensing applications, Internet, Amateur Radio, etc. |

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[28] CCP.I-TEL/doc. 1060/07 rev.1

PCC.I/DEC.57 (X-07) [29]	1. To inform the Chair of COM/CITEL about the Administrations of Ecuador and Uruguay willingness to undertake one of the pilot projects to be considered in the design of actions aimed at implementing the "Regional Project for Reducing the Digital Divide and Advancing the Information Society in the Americas" submitted in document CCP.I-TEL/doc. 1012/07. 2. To instruct the Executive Secretary of CITEL to inform the Chair.

V.   LIST OF BASIC DOCUMENTS

Summary Minutes of the Inaugural Session and the
First Plenary Session: CCP.I-TEL/doc. 1033/07 rev.1
Summary Minutes of the Second Plenary Session: CCP.I-TEL/doc. 1062/07
Summary Minutes of the Third Plenary Session
and Closing Session: CCP.I-TEL/doc. 1070/07
List of Documents: CCP.I-TEL/doc. 952/07 rev.4
List of Participants: CCP.I-TEL/doc. 953/07 rev.1
Final Report for the Meeting   CCP.I-TEL/doc. 1071/07 rev.1

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[29] CCP.I-TEL/doc. 1066/07 rev.1