



ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission

**I MEETING OF PERMANENT CONSULTATIVE COMMITTEE I:
TELECOMMUNICATION STANDARDIZATION
4 to 8 November 2002
Brasilia, Brazil**

**OAS/Ser.L/XVII.4.1
CCP.I-TEL/doc. 92/02 rev.1
26 December 2002
Original: English**

FINAL REPORT

TABLE OF CONTENTS

I.	AGENDA	3
II.	MEETING AUTHORITIES	6
III.	RESOLUTIONS	7
	PCC.I/RES.1 (I-02).....	7
	<i>Intelligent Networks Capability Set 4</i>	7
	PCC.I/RES.2 (I-02).....	11
	<i>Approval of the Questionnaire for Preparing a Comprehensive Study on the Status of Telecommunications of Indigenous Peoples in America</i>	11
	PCC.I/RES.3 (I-02).....	16
	<i>Implementation of a Tele-education and Tele-medicine Pilot Project Applied to Indigenous Communities</i>	16
	PCC.I/RES.4 (I-02).....	26
	<i>Structure of PCC.I (Telecommunication Standardization) and Mandates for the Working Groups 2002-2006</i>	26
	PCC.I/RES.5 (I-02)	29
	<i>Structure and Terms of Reference of the Working Groups of PCC.I:</i>	29
	<i>Telecommunication Standardization</i>	29
	PCC.I/RES.6 (I-02).....	38
	<i>Termination of the Working Groups, Ad hoc Group and Rapporteur Groups of PCC.I : Public Telecommunications Services</i>	38
	PCC.I/RES.7 (I-02).....	39
	<i>Appointment of the Vice-chair of PCC.I</i>	39
	PCC.I/RES.8 (I-02)	39
	<i>Agenda, Venue and Date of the II Meeting of PCC.I (Telecommunication Standardization)</i>	39
	PCC.I/RES.9 (I-02).....	40
	<i>Recognition and Thanks of the Permanent Consultative Committee I of CITEL to Engineer William Moran</i>	40
	PCC.I/RES.10 (I-02).....	41
	<i>To forward to the XII meeting of COM/CITEL the report on the activities undertaken by the PCC.I regarding the WSIS</i>	41
	PCC.I/RES.11 (I-02).....	49
	<i>Presentation of MRA related information to Caribbean and Central American Members</i>	49
	PCC.I/RES.12(I-02)	50
	<i>Mutual Recognition Agreements Workshops (MRA)</i>	50
IV.	RECOMMENDATION.....	51
	PCC.I/REC.1 (I-02)	51
	<i>Recommendations to the CITEL Member States for adopting measures tending to the development of a telecommunication infrastructure</i>	51
V.	DECISIONS	53
VI.	LIST OF BASIC DOCUMENTS:.....	53

FINAL REPORT

The I Meeting of the Permanent Consultative Committee I: Telecommunication Standardization was held in Brasilia, Brazil, November 4 to 8, 2002.

I. AGENDA

Agenda^{1/}

1. Approval of the agenda and schedule of activities
2. Establishment of the Drafting Group for the final report
3. Report of the activities of the Working and Ad Hoc Groups since the XVI Meeting of PCC.I (Public Telecommunication Services)
 - a. Working Group on Standards Coordination
 - b. Working Group on Certification Processes and Mutual Recognition Agreements
 - c. Working Group on Basic and Universal Services
 - d. Working Group on the Promotion of the Global Information Infrastructure
 - e. Ad Hoc Group to study and define an approach to telecommunications service that use IP technology
 - f. Working Group on Economic and Tariff Principles from the Telecommunications sector of the Americas
4. Report of the activities of the Working and Ad Hoc Groups during the I Meeting of PCC.I.
 - 4a. Working Group on Standards Coordination**
 - a.1. Adoption of agenda
 - a.2. Approval of the outcome of the previous meeting XVI PCC.I– Uruguay
 - Next Generation Network
 - Roaming, Fraud and Numbering
 - Wireless Services and Systems
 - a.3. Decisions and resolutions adopted at CITELE Assembly meeting
 - a.4. Contributions to the WGSC
 - a.5. Meeting of the working subgroups: Next Generation Network, Roaming, Fraud and Numbering, and Wireless Services and Systems
 - Resolutions
 - Work Plan
 - a.6. Other relevant business
 - a.7. Adoption of the final report
 - a.8. Conclusion of the meeting
 - 4b. Working Group on Certification Processes and Mutual Recognition Agreements**
 - b.1. Welcoming of participants
 - b.2. Presentation and approval of draft agenda
 - b.3. Report on the last WGC/MRA meeting
 - b.4. Report on the CITELE MRA Workshop
 - b.5. Proposal for preparing and approving plans for the Yellow Book on Certification Processes for Telecommunication Equipment in the Americas
 - b.6. Proposals and contributions regarding certification of electronic signatures

^{1/} CCP.I-TEL/doc.003/02

- b.7. Presentation by UNECE expert on International Model for Technical Harmonization based on Good Regulatory Practice.
- b.8. Presentation on the implementation of the MRA
 - Overview
 - Basic functions
 - Steps to take to implement the MRA
 - Experience gained from the implementation of the MRA
- b.9. Participation dates proposed by Member Countries
- b.10. Discussions on:
 - Cooperation with APEC
 - Guide and Management Tools for the MRA
 - Database to store information produced in the implementation
- b.11. Next meeting of the WGCMRA and draft agenda
- 4c. Working Group on Basic and Universal Services**
 - c.1. Universal Service
 - c.2. Rapporteur on Tele-medicine
 - Book on Tele-medicine
 - c.3. Rapporteur on Tele-education
 - Book on Tele-education - distribution-
 - Work Plan
 - c.4. Rapporteur for preparing a comprehensive study on the status of telecommunications of indigenous peoples in the Americas
 - Work Plan
- 4d. Working Group on the Promotion of the Global Information Infrastructure**
 - d.1. Presentation and adoption of the work agenda.
 - d.2. Report on activities of the Group Chair since the sixteenth meeting → Presentation of the draft “Work Plan for the Working Group on the Promotion of the Information Infrastructure in the Americas / 2002 – 2006 Period”
 - d.3. Report of the Vice Chairs of the Group:
 - d.4. Rapporteur Group on Electronic Commerce and Community Development:
 - Progress in the data gathering phase of the “e-America Project”
 - Report on the perspective of countries in the region on the World Summit on the Information Society
 - d.5. Review and adoption of the recommendation “Recommendations to the CITEL Member Administrations for the Adoption of Measures to Facilitate Internet Access”
 - d.6. Contributions of member states and associate members
 - d.7. Review and approval of the “Work Plan for the Working Group on the Promotion of the Information Infrastructure in the Americas / 2002 – 2006 Period”
 - d.8. Other matters.
 - d.9. Presentation and approval of the report of the Group on activities during the PCC.I meeting
- 4e. **Ad Hoc Group to study and define an approach to telecommunications service that use IP technology**
- 4f. **Working Group on Economic and Tariff Principles from the Telecommunications sector of the Americas**
 - f.1. Review and approval of the agenda

- f.2. Review and approval of the report on the activities of the Working Group on Economic Issues & Tariff Principles through the 15th meeting of Permanent Consultative Committee I and proposed new topics
- f.3. Presentation of the preliminary report on telecommunication indicators for 2001
- f.4. Presentation of contributions on topics relating to free competition and other matters of interest
- f.5. International arrangements on Internet service charges in the Americas region
 - Presentation of the report of the rapporteur group to conduct studies of international arrangements on Internet service charges in the Americas region
 - Presentation of contributions regarding analysis of Internet service charges
- f.6. Presentation of other contributions
- f.7. Conclusions
- 4.g. **Ad hoc Group of the Chair to Promote the restructuring of the PCC.I.**
- 5. Approval of the Final Report
- 6. Agenda, venue and date for the II Meeting of PCC.I (Telecommunication Standardization)
- 7. Other Business

II. MEETING AUTHORITIES

CHAIR Mr. Félix Castro
VICE-CHAIR: Mr. Marcos Baffuto
EXECUTIVE SECRETARY: Mr. Clovis Baptista
CHAIR OF DRAFTING GROUP: Mr. Eduardo Moreira

MEMBERS PRESENT Argentina, Brazil, Canada, Colombia, Dominican Republic, Ecuador, El Salvador, Mexico, Paraguay, United States of America, Uruguay and Venezuela.

ASSOCIATE MEMBERS

ARGENTINA Ericsson, Movicom, Telefónica de Argentina
BRAZIL Ericsson, Motorola do Brazil, Siemens, Nokia
CANADA Nortel Networks
MEXICO Ericsson, Lucent Technologies
PARAGUAY Copaco
UNITED STATES 3G Americas, Lucent Technologies, Motorola, Nokia, Qualcomm, Committee T1
VENEZUELA Cantv

OBSERVERS Spain

INTERNATIONAL AND REGIONAL ORGANIZATIONS ITU, IARU

III. RESOLUTIONS

PCC.I/RES.1 (I-02)¹

Intelligent Networks Capability Set 4

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

CONSIDERING THAT:

a) Resolutions contained in PCC.I/RES.27 (V-96), PCC.I/RES.65(X-99), and PCC.I/doc.1220 on Intelligent Networks were accepted at the fifth and tenth and fourteenth meetings of PCC.I (Public Telecommunications Services) respectively,

b) The First and Second Summit of the Americas in 1994 and 1998 respectively identified Intelligent Networks as a continued priority for the region of the Americas,

c) IN provides a functional architecture for many advanced capabilities (e.g., Number Portability) and must interwork with Wireless and Data Networks.

d) Intelligent Networks and advanced service applications have become more widely deployed throughout the Americas,

RECOGNIZING THAT:

a) Interest in the application of IN and advanced capabilities continues to grow within the region of the Americas,

b) The services supported by an IN promote the harmonization and interoperability of networks and administrations within the Region,

c) Guidance from PCC.I Members and Associate Members have supported continued IN evolution through international standards,

d) The ITU-T approved the IN Capability Set - 4 (Q.124x) series of recommendations in 2001.

RESOLVES THAT:

PCC.I endorse the ITU-T Intelligent Network Capability Set 4 (2001), Q.124x series of Recommendations.

¹ CCP-TEL/doc.28/02 rev.1

RECOMMENDS THAT:

- a) The Working Group on Standards Coordination continue to monitor and determine the applicability for the Americas of the ITU-T IN recommendations.
- b) The Working Group on Standards Coordination evaluate options to facilitate inter-networking of IN based services between Member States.
- c) The Working Group on Standards Coordination continue the service needs of the Americas and provide implementation options based on the ITU-T IN recommendations and other evolving standards for services and applications.

ANNEX

Intelligent Network Coordinated Standards Document

1. EXECUTIVE SUMMARY

The Next Generation Networks (NGN) Rapporteur Group has continued to study Intelligent Networks as they relate to the needs of the Americas. This is a continuation of the work begun in the IN Rapporteur Group, which monitored the IN work of the ITU-T and regional standards bodies. The NGN Rapporteur Group recommends that PCC.I endorse the ITU-T IN Capability Set 4 (IN CS-4) series of Recommendations (Q.124x) for the region of the Americas.

In September 1996 the IN Rapporteur Group concluded the first phase of work on IN standards recommendations. PCC.I approved resolution PCC.I/RES.27(V-96) that recommends the ITU-T IN Capability Set 1 (IN CS-1) Recommendations (Q.121x) and appropriate subsets for use in the Americas. The Resolution and Coordinated Standards Document (CSD) (PCC.I / RES. 65 (X-99)) endorses the use of ITU-T IN Capability Set 2 (1997) Recommendations (Q.122x). The latest Resolution and Coordinated Standards Document (CSD) (PCC.I /1220)) endorses the use of ITU-T IN Capability Set 3 (2000) Recommendations (Q.123x). This endorsement came after review of the Americas IN plans and requirements, an evaluation of applicable IN standards, and an evaluation of service implementation examples.

It is important to understand that the IN architecture has evolved through the various Capability Sets. This fact was acknowledged by the ITU-T when Capability Sets (CS) were defined for the study of IN. Since the PCC.I endorsement of ITU-T IN CS-2 and IN CS-3, work has progressed in the area of IN. The ITU-T IN Capability Set 4 Recommendations (Q.124x series) were approved in May 2001 and are now ready for deployment. Intelligent Network Capability Set-4 (IN CS-4) is the fourth standardized stage of the Intelligent Network (IN) as an architectural concept for the creation and provision of services, including telecommunication services, service management services and service creation services.

2. GUIDE TO DOCUMENT

This document is based on the previous Resolutions and annexed CSDs for Intelligent Networks, PCC.I/RES.27 (V-96), PCC.I/RES.65 (X-99), and PCC.I/1220. The reader is referred to those documents for a more complete understanding of the activities of the IN Rapporteur Group.

Section 3 of this document describes the contributions and discussions leading up to this fourth Resolution and CSD for IN. Section 4 presents the conclusions and Section 5 suggests future work to be addressed by the group.

3. BACKGROUND

Prior to the completion of ITU-T Capability Set 3 (IN CS-3), the ITU-T had started the work on IN Capability Set 4 (IN CS-4). This work was driven by contributions from Study Group participants and the activities of regional bodies such as Committee T1 in the United States and ETSI in Europe. The goal was to continue to meet the needs of regulators, network operators, service providers and customers by evolving the recommendations so as to support new services and capabilities.

Key features identified for IN CS-4 include enhancements to IN CS-2 and IN CS-3 capabilities, multiple points of control, feature interaction, IN-ISDN interworking (including supplementary services), number portability, support for operator services (e.g., prepaid, freephone), support for mobility (e.g., Virtual Home Environment), interworking with private networks, and support for IP networks. In particular, IN CS-4 support for IP networks includes many aspects of interworking between IP network services/applications and Intelligent Network services/features. This includes full support for accessing IN from a SIP Proxy for implementing services that do not require explicit handling of the call configuration, full support for inter-working IN with Call Servers, based on the H.248 architecture for all types of services, and minimal support for accessing IN from H.323 Gatekeepers/SIP Proxy Server for implementing services that do not require explicit handling of the call configuration.

The NGN Rapporteur Group monitored and discussed these activities (as the IN Rapporteur Group had done in previous years). While IN was beginning to emerge within the region, keeping abreast of international standards was an agreed upon priority. Active participants directed the group towards an endorsement of the ITU-T IN CS-4 Recommendations. This now will allow network operators and service providers to provide new and enhanced services supported by IN CS-4.

4. CONCLUSIONS

The NGN Rapporteur Group recommends the endorsement of the ITU-T IN CS-4 series of Recommendations, Q.124x, by the Members of CITELEC PCC.I. Furthermore, the group recommends that Q.124x be accepted with no deletions, additions or modifications to the normative references listed here:

- ITU-T Recommendation Q.1241 (07/01) - Introduction to Intelligent Network Capability Set 4
- ITU-T Recommendation Q.1244 (07/01) - Intelligent Network Capability Set 4 Distributed Functional Plane
- ITU-T Recommendation Q.1248 (07/01) - Intelligent Network Interface Specifications for Capability Set-4

5. FUTURE WORK

It is likely that IN CS-4 will be the final Capability Set. Extensions to IN and other advanced service applications are being developed independently. The NGN Rapporteur Group will continue to monitor the work of ITU-T Study Group 11, Committee T1, ETSI, and other groups for evolving standards related to advanced services and applications. The results of their work that has benefit for CITELE member states will be incorporated as appropriate.

6. RESOURCE DOCUMENTS

- [1] "Resolution - Intelligent Networks" PCC.I Res/27(V-96), Lima, Peru, 9 – 13 September 1996.
- [2] "Introduction to Wireless IN (WIN)" PCC.I-379/97, Asuncion, Paraguay, 28 July 1997.
- [3] "Proposed 1998 Work Plan" PCC.I-435/97rev1, Foz do Iguacu, Brazil, 13 October, 1997.
- [4] "Discussion: An Overview of IN Standards Activities" PCC.I-436/97, Foz do Iguacu, 13 October 1997.
- [5] "Discussion: ITU-T IN CS-2/IN CS-3 Capabilities and Services" PC.I-437/97, Foz do Iguacu, 13 October 1997.
- [6] "IN Related Questionnaire" Attached to the Report of PCC.I, Foz do Iguacu, 117 October 1997.
- [7] "Proposed Work Plan for the IN Rapporteur Group" PCC.I-doc.560/98, Cartagena de Indias, Colombia, 29 June 1998.
- [8] "IN CS-2 Overview" PCC.I-doc.672/98, Cartagena de Indias, 29 June 1998.
- [9] "Report of the Activities of the IN Rapporteur Group" PCC.I-doc.721/98, Cartagena de Indias, 3 July 1998.
- [10] "Resolution Intelligent Networks Capability Set -2" (PCC.I/RES 65 (X-99), Cartagena de Indias, 2 July, 1999.
- [11] "IN CS-3 Overview" PCC.I/doc.1151/00- Lima, Peru, 3 November, 2000
- [12] "Report of the IN Rapporteur Group" PCC.I/doc.1178/00, Lima, Peru, 3 November, 2000.
- [13] "Draft Resolution Intelligent Networks Capability Set -3" PCC.I/doc.1220, Natal, Brazil, April 2001.
- [14] "IN CS-4 Overview" PCC.I/doc.1258, Natal, Brazil, April 2001.
- [15] "Report of the IN Rapporteur Group PCC.I/doc. 1295/01, Natal, Brazil, April 2001.

PCC.I/RES.2 (I-02)²

Approval of the Questionnaire for Preparing a Comprehensive Study on the Status of Telecommunications of Indigenous Peoples in America

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

CONSIDERING:

That during the XVI Meeting of the Permanent Consultative Committee I: Public Telecommunications Services (PCC.I) from 27 to 30 May 2002 in Montevideo, Uruguay, Resolution number PCC.I/Res.150 (XVII-02) was agreed under the title of “Creation of a Rapporteur Group for undertaking a comprehensive study on the status of telecommunications of indigenous peoples in America in the framework of the working groups on basic and universal telecommunication services”.

BEARING IN MIND:

- a) That it is necessary to collect information on this theme in order to begin the study in question;
- b) That the information provided by the countries will be invaluable for the aforementioned comprehensive study.

RESOLVES:

1. To terminate in PCC.I (Telecommunication Standardization) all activities with respect to the “Approval of the Questionnaire for Preparing a Comprehensive Study on the Status of Telecommunications of Indigenous Peoples in America”, in consideration of the new mandates received from the CITELE Assembly.
2. To set the Third Meeting of PCC.I (Telecommunication Standardization) as the deadline for completion of work related to the aforementioned questionnaire.
3. To appoint Mr. Héctor Carril of Argentina to coordinate this activity, by the aforementioned deadline, as well as all pending tasks of the former Working Group on Basic and Universal Telecommunications Services within the following deadlines:
 - a. Book on tele-medicine: Third Meeting of PCC.I
 - b. Updating the Universal Service Book: Second Meeting of PCC.I
 - c. Pilot Project for Indigenous Communities (PCC.I/RES.3 (I-02)): Third Meeting of PCC.I

² CCP.I-TEL/doc.56/02 rev.2

INSTRUCTS THE EXECUTIVE SECRETARY OF CITEL:

1. To send the aforementioned questionnaire to the member states, indicating the deadline for sending replies to the Chair of the Rapporteur's group for preparing a comprehensive study on the status of telecommunications of indigenous peoples in the Americas, for the group's work.
2. To submit the questionnaire findings to COM/CITEL, so it may examine how to proceed with the work.

ANNEX I
QUESTIONNAIRE / INFRASTRUCTURE
Questionnaire for indigenous peoples³

Country: _____

Indigenous people: _____

1. Indigenous people by country

1.1 State a geographical area for each indigenous people in the country:

- Name of the indigenous people
- Total population in the geographical area
- Indigenous population in the geographical area
- Indigenous language
- What was the criterion used to identify the geographical area where the indigenous people live?

2. Conditions of access to telecommunications

2.1 Per indigenous people in a geographical area

- Phone lines installed
- % density
- wireless subscribers

3. Legal framework

3.1 Is there a legal framework in your country that includes the rights of the indigenous population in the telecommunications sphere?

3.2 Is there a fund for the universal service that benefits indigenous peoples?

³ (1) Indigenous peoples

The term "indigenous peoples" describes social groups with a different social and cultural identity from the predominant society, which makes them vulnerable and puts them at a disadvantage in the development process. For the purposes of this questionnaire, the term "indigenous peoples" will be used to refer to these groups.

Due to the different and changing contexts in which the indigenous peoples are found, no single definition could include its diversity. Normally the indigenous peoples are among the poorest segments of the population. Their economic activities range from subsistence farming in or around the forests to wage-earning jobs and small-scale market-related activities. The indigenous peoples can be identified in certain geographic areas, to different extents, with the above characteristics:

- a) Close attachment to ancestral territory and natural resources of these areas.
- b) Self identification and by others as members of a different cultural group.
- c) An indigenous language normally different from the national language.
- d) Presence of own social and political institutions, and
- e) Production primarily based on subsistence.

ANNEX II

QUESTIONNAIRE / TELECENTERS 4

Questionnaire per telecenter project for indigenous peoples in a geographical area

Country: _____

Indigenous people: _____

4. Telecenters

4.1 Name of project:	Contact:
	Title/position:
	Home address:
	Phone:
	e-mail: http

4.2 What is the purpose of the project?

4.3 Project status

- Underway
- Planned
- Starting date
- Finishing date

4.4 What is the category of the telecenter?

- Basic
- Franchised
- Public
- Multipurpose

4.5 Administration of services

What are the ways in which the telecenter was organized?

Does the community participate in the administration?

4.6 Capacity building

Is there a capacity building process for the community? How is the process accomplished?

Are there any problems of illiteracy?

⁴ Telecenters (sometimes referred to as Community Access Centers or Community Technology Centers). In order not to duplicate work, consider the questionnaire of the Telecenters in the Americas PCC.I/RES. (139 XV-01), when they are in indigenous regions.

Is the predominant language unknown (Spanish, English, Portuguese)?
 Is the training given in their own language?

4.7 Official participation

Is this project from the private sector?
 Is it a government-endorsed project?

4.8 Funding sources

How is the project funded?
 Government funds
 User quotas
 NGO support
 International organization
 Does the project have an economically sustainable plan?

4.9 Technical data

What is the communication technology used in the telecenter?
 What source of energy is used?

4.10 What do the members of the indigenous community use it for?

To obtain information
 To systematize their own know-how
 To trade goods on national and international markets
 Educational projects in their own cultural and community context
 Other
 Describe briefly

4.11 Benefits detected in the participating communities.

- Benefits obtained in other areas by using the installed telecommunication infrastructure, e.g. education, health, etc.?

ANNEX III
QUESTIONNAIRE / CONTENT
Questionnaire per project of indigenous content developed on Internet

5. Internet-developed indigenous content
--

Are there indigenous content developments	YES	NO
---	-----	----

If the answer is yes:

5.1 What was the purpose of the project?

5.2 How was the indigenous content created?

5.3 How have the needs of this population been identified when developing this kind of project?

- 5.4 Is the content in the prevailing or the indigenous language?
- 5.5 What are the technological tools used to develop the project?
- 5.6 What elements are used for diffusion and for the use of indigenous contents?
- 5.7 What are the testimonies and experiences of the users and beneficiaries of the project?

PCC.I/RES.3 (I-02)⁵

Implementation of a Tele-education and Tele-medicine Pilot Project Applied to Indigenous Communities

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

CONSIDERING:

- a. That the Declaration of Washington DC 2002 / CITEI **establishes:**
 - i. That the development of Telecommunication and Information Technologies Infrastructure and access thereto remains a matter of top priority for efficient information management, due to the strategic position of the telecommunications sector for attaining the economic and social growth targets of the States and establishing information societies.
 - ii. That CITEI, as the technical telecommunications entity of the Americas, is an ideal forum for grouping the efforts of the States, the private sector and other telecommunications and financing entities, for the development of each of the elements constituting Connectivity in the Americas: infrastructure, regulation, technological convergence and access to communications and information technology for all segments of society.
- b. That this same Declaration of Washington DC 2002 / CITEI furthermore **agrees:**
 - i. To continue consolidating and expanding the capacities of CITEI so that it may respond fully to the commitments adopted by the Heads of State at the Americas Summit, as information, telecommunications and connectivity technologies are top-priority elements for the sustainable development of the Region, and
 - ii. To strengthen mechanisms allowing the dissemination and firming-up of training and capacity-building programs for human resources, including information activities for the users of telecommunications services, coordinated with the National Entities, the Center of Excellence for the Americas of the ITU, the private sector, regional and sub-regional organizations and other entities in civil society.

⁵ CCP.I-TEL/doc.55/02 rev.2

c. That in the Declaration of Quebec approved at the Third Summit of the Americas, the Heads of State and Government proclaimed:

i. That they will facilitate improvement of human resources in the telecommunications sector,

ii. That they will recommend that our national entities work within the framework of CITELE to prepare guidelines on Universal Service; and

iii. That they will foster the increase of competitiveness and production in all sectors by applications such as Distance Education and Tele-medicine.

CONSIDERING ALSO:

a. That Resolution COM6/10 (Marrakesh, 2002) of the Plenipotentiary Conference of the International Telecommunications Union, in its “resolves to entrust to the Secretary General” and in its “entrusts to the Director of the Bureau for Development of Telecommunications” pays special attention to identifying financial resources to support the development of related projects in the Region of the Americas.

b. That Resolution 31 (rev. Marrakesh, 2002) of the same Plenipotentiary Conference deals specifically with the Infrastructure of Telecommunications and the Information and Communication Technologies for social, economic and cultural development.

TAKING INTO ACCOUNT:

a. That within the structure of Permanent Consultative Committee I (Public Telecommunications Services), the Working Group on Universal Service has done important work within the spirit of the Declaration of Washington, D.C.

b. That the aforementioned Working Group has established three rapporteurs on different aspects of universal service: tele-education, tele-medicine, and indigenous communities.

c. That the project attached to this document would, *a priori*, fall within the spirit of the Declaration of Washington, D.C. and contains elements that involve the activities of the three aforementioned rapporteurs.

RESOLVES:

1. To terminate in PCC.I (Telecommunication Standardization) all activities with respect to the “Implementation of a Tele-education and Tele-medicine Pilot Project Applied to Indigenous Communities”, in consideration of the new mandates received from the CITELE Assembly.

2. To set the Third Meeting of PCC.I as the deadline for completion of work related to the aforementioned Pilot Project.

3. To appoint Mr. Héctor Carril of Argentina to coordinate that work.

4. To submit the work, once completed, to COM/CITELE so it may proceed as appropriate.

ANNEX TO DOC. PCC.I/RES.3 (I-02)

BACKGROUND

The Chaco Province is located in Northeast region of the Republic of Argentina, on the border with the Republic of Paraguay. This is one of Provinces with the highest level of poverty and with the largest native population in the country. This region is mainly agricultural; from the geographical standpoint, its various zones are endowed with very striking characteristics. With major rivers such as the Paraná or the Paraguay, the wet Chaco contains large areas of forests and plains, particularly *El Impenetrable*, an almost virgin zone that is blanketed by dense – as indicated by its name – and valuable hardwood forests. Towards the Southwest of the Province, the dry Chaco is flat and desert-like, with low scrubs.

This area is home to a Creole and native population, with the latter belonging to the Toba, Wichi and Mocovíes ethnic groups.

Prompted by these characteristics, in parallel to unmet basic needs and a large native population with fairly representative geography in terms of its diversity, and backed by the broad-ranging support of the Provincial Government, Ericsson de Argentina took the initiative of launching a community support project that includes the Universal Service concepts that are today rated as basic.

Along these lines, an agreement was drawn up among Ericsson, a non-governmental organization – the *Fundación Chaco Artesanal*, and the Chaco Provincial Government. The purpose of this Agreement was to implement a handcrafts reeducation program for native and Creole communities reflecting their own culture, as an employment solution, training them to use ICTs as future marketing tool for their wares.

Initially, the Las Palmas and La Leonesa communities were selected, some eighty kilometers from the capital, Resistencia, and located on the Paraguay River, as their characteristics made them appropriate:

- High to full unemployment due to a lack of real sources of work.
- Toba ethnic community at La Leonesa and a Creole community at Las Palmas.
- Both riverbank communities offer easy access from the capital, simplifying the implementation and control procedures during the initial phase of the project.

Tangible asset: new functions for the Plantation House

Various actions are firming up, designed to help the members of the Las Palmas community rediscover their significant agro-industrial past; once reconciled to the painful times that they have also lived through, they have become involved in projects that were already latent within the community and whose materialization began when the Provincial Government acquired major properties, particularly the Las Palmas del Chaco Austral S.A. company, and handed them over to the Social Development Bureau. Since an agreement was signed by this entity and the Sub-Secretariat of Culture in July 2000, the properties on Tracts 11, 12 and 13, Section D, District I, of the Bermejo Department are the responsibility of this cultural entity.

The home of the Area Head, also known as the Chalet Beláustegui, has been repaired in order to house a new function – the Handmade Pottery Production and Capacity-Building Workshop, given the name of Carnadaí by the students, unemployed young people and adults of both genders.

Between November 2001 and July 2002, the wood-fired kiln was built in the garden of the house; the students identified and recognized local clays, learning how to process them through a variety of techniques. Potter María Inés Rossi taught them how to make and decorate utilitarian and ornamental items, which they then fired. By June 30 this year, twelve regular students had produced a total of 197 items.

Intangible asset: redeeming their regional heritage:

The young people of Las Palmas, particularly those attending the *Centro de Educación Polimodal N° 13* multi-mode education center, have redeemed local history through carefully planned activities at this educational establishment. They interviewed the workers, office employees and maintenance staff of the old sugar mill and walked with them through the inner roads separating the living quarters from the industrial and administrative areas, reconstructing these earlier times and events. In August this year, the second Workshop Days were held here on Redeeming the Regional Heritage, organized by the Sub-Secretariat for Culture, the *Centro de Educación Polimodal N° 13* at Las Palmas and the Architecture and Town Planning School at the National University of the Northeast, for teachers at all levels in all subjects in Las Palmas and its area of influence. These teachers were rated as suitable agents for consolidating the concepts covered during the Workshop:

- Identification of the modest heritage of this location and acknowledgement of the protagonists as integral parts of local history.
- Enhanced appreciation of its architectural heritage, with the mill and its outbuildings set right in the heart of the town.
- Acknowledgement that the natural area is endowed with singular characteristics shaped by its past and present agricultural and industrial activities.
- The role of the Hardy Museum as the custodian and disseminator of its heritage assets – such as furniture, fittings and fixtures – as well as the priceless intangible heritage of this site, witnesses to the past built around the Las Palmas del Chaco Austral company during the days of the Triple Alliance War and the old settlers in this region.

It is also interesting to underscore local government intentions to oversee these actions, fostering the creation of legal instruments regulating the use of historical areas and sites.

At the moment, a second stage is under way, designed to underpin mass production with details selected by the craftsmen and women themselves, which will identify all items that in this case are intended for utilitarian purposes.

The master craftsmen and their students have set up the *Arte en la Cultura Qom* Cooperative Craftsmen's Association, which is registered with the Provincial Registry Office, as well as the National Indigenous Institute (*Instituto Nacional Indígena* – INAI).

Working Document

Promotion of Universal Service for Emerging Countries

Project Concept

To contribute to the objectives of the ITU Development Workshop:

- To facilitate connectivity and access to telecommunications;
- To foster the availability of policies, regulations and networks;
- To enhance human recourses through entertainment programs

- To draw up financing strategies
- To usher companies into the world of e-commerce and similar activities.

Social Vision

The project underpins the social vision of the ICTs for development, which postulates:

- Connectivity is important, but it is not sufficient to contribute to development.
- In order to make good use of the opportunities and possible positive results, equitable access is required, together with meaningful use, and socially valid allocation of ICT resources.
- There are pre-conditions that require cultivation in order for the ICTs to contribute to development.
- There are threats and risks involved in the use of ICTs that may hamper development, and which should be avoided or minimized.

Values

- Cultivate diversity and encourage inclusion with respect for cultural, ethnic, linguistic and gender-based differences for building up societies with a place for everyone.
- Lead by example, strengthening a social vision of development and the ICTs, taking into account the voices of civil society in order to shape the formulation of appropriate policies.

Styles of Work

- Encourage collaborative efforts to make good use of available resources, based on relationships of trust and solidarity.
- Strengthen local capacities, training critical users rather than mere passive consumers of information.
- Review and update the community vision in order to keep it up to date within a context of ever-changing values, policies and technologies.

Strategies

- Working at different levels, from local to national and international, and from grassroots to theoretical investigation.
- Maintain effective networks, making smart use of ICTs to add dynamism to the exchange of information, lessons and experiences.
- Strengthen alliances between the public and private sectors and organizations in civil society, in order to work together towards development.
- Help shape policies buttressing a social view of the ICTs that transcends access, fostering the use and adoption of these tools.

Purposes

- To introduce and familiarize the beneficiary population with the uses and advantages of the ICTs, fostering the adoption of these technologies by the community.
- To encourage the generation of community activities that foster development and social integration.
- To provide tools for online consultations with the Education and Public Health authorities, local government and social development.

Themes

- Education and Cultural Diversity
- Public Health
- Social Insertion

Background

CTC Project, Community Technology Centers, under the Nacional Information Society Program (PSI) implemented in Argentina, with 22 in the Chaco Province:

The Community Technology Centers (CTC) Project was launched in 1999 as part of the Program. Decree N° 1018/98, which gave rise to the Program, was based on Decree N° 554/97, which declared Internet Access for the inhabitants of our country to be a matter of National Interest, under equitable social and geographical conditions.

On March 17, 2000, Decree N° 252 established the National Information Society Program (previously `argentinetodos@internet`); this Program was transferred to the Technology, Science and Productive Innovation Bureau under the Presidency.

Through Decree N° 243 dated February 26, 2001, the National Information Society Program was transferred yet again, this time to the Communications Bureau, now under the Ministry of Infrastructure and Housing.

This leads to the current stage of redefining the objectives, functions, internal processes and standardization of the CTCs.

Two years after its launch, the CTC Project is passing through a stage of reviews and reformulation, grounded on the experience acquired locally and through other similar projects in Latin America.

This process – to be implemented with the progressive participation of the coordinators of the CTCs – requires the definition of financing criteria and the rules and standards for the management and control of the centers, while implementing permanent capacity-building course, with technical support and widespread dissemination of the Project.

Nevertheless, the following conclusions have been reached:

It has been proven that the CTCs which function best are those housed in institutions with experience of social work, involved with the community prior to the arrival of the CTC.

Better insertion and community participation was attained for CTCs established in small towns and villages.

Notwithstanding, the effective results of the project in terms of its objectives leave much to be desired.

Only 50% of the CTCs are equipped with Internet connections. Most of the CTCs are underused, with some allocated to in-house use by their host institutions, while others have shut down.

The mere presence of the new technology cannot in itself guarantee its absorption by society nor its contribution to local development.

Activities

- Preparatory workshops for the shared administration of resources, as follows: administration of time, use, supplies, decision-making involving the beneficiary community of the project (such as house rules or procedures manual), without affecting the responsibility and duties of the person in charge of the Universal Service Center.

- Meetings and participative workshops to promote closer relations among the productive sectors, tourist, professional and commercial service providers, seizing opportunities that include communication technology in their activities.
- Courses
 - Word processors
 - Calculation spreadsheets
 - Graphic design
 - Internet
 - Drafting projects
 - Network settings: producers, consumers, and specific interest groups.
- Services
 - Use of the network of networks to research and manage projects.
 - e-mail.
 - Writing up résumés.
 - Link with local and regional communication media.
 - Network integration, for example
 - Latin-American network Somos@Telecentros www.tele-centros.org
 - InforCauca, Colombia www.cet.cgiar.org
 - Social Movement Community Web www.movimientos.org
- Tele-inquiries with references
 - Associated with the Chaco development
 - Hospitals
 - Social networks
 - National and local government organizations
- e-commerce
 - Homepages of very small, small and medium-size local businesses, hosted on the Universal Service Center website
- Database settings:
- Inquiries in the Center.
- Photographic surveys undertaken by the beneficiary community
- Capacity building, information and educational mechanisms: conventions signed with content-generating units (universities, local institutes, health organizations), to undertake educational activities in the areas of nutrition, hygiene, health, basic utilities. The project coordinator will manage the survey of requirements in each place and agree to mechanisms to achieve the objectives in order to meet these requirements.

Processes

- Education
- Information
- Capacity building
- Creating databases

Service characteristics

- Accessibility
- Free consulting

- Service promotion
- Free inputs

Project sustainability:

It is proposed to fund the operating requirements of the center for one year in order to achieve sustainability of the project. Those in charge and the beneficiary community will work on organizing and surveying to raise funds for the project. It is proposed to undertake some of the following activities, for example:

- Photographic surveys:
 - Nature, climate, natural resources.
 - Architecture and cultural heritage.
 - Customs, festivals, games.
 - Tourism sites.

After one year the intention is to start up a project to finance the costs of the Universal Service Center.

In charge

Coordinator

Is responsible for:

- Monitoring the installation and operation of the Universal Service Centers.
- Participating in conjunction with the beneficiaries and those in charge in designing, implementing and coordinating the activities and projects.
- Managing agreements and cooperation pacts with members to develop community and productive projects (INTA, INTI, local and provincial productive and subsistence projects)
- Designing and adopting monitoring and self-assessment mechanisms of the project.
- Writing progress reports on the project every two months.

Technical assistant

Is responsible for:

- Making arrangements and managing requests and maintaining the Internet service in the PSI.
- Maintaining and updating the installed equipment.
- Acting as technical assistant for specific technical inquires from the beneficiaries during their visit to the center.
- Making weekly visits to the centers for repair and assistance work.

Center Head (one per Center)

Should be responsible as a social and cultural promoter, with knowledge of communication technology, performing the tasks of:

- Facilitating and guiding the development of local management skills and adopting community and productive projects.
- Promoting shared administration of the center through workshops and bids for the use of the facilities, as well as preparing working agendas or manual for use or procedures.
- Dictating the basic courses of ongoing capacity building previously agreed with the beneficiaries through shared management mechanisms: basic PC operation, drafting projects.
- Assisting the main beneficiaries of the project: unemployed unskilled workers, local medical specialists, teachers, pupils and entrepreneurs in their projects and fostering interdisciplinary activities.

- Promoting the coordination of the center with social networks, programs, government organizations that pursue mutual objectives with the beneficiaries of the project.
- Making the center into a friendly place for the beneficiary population.
- Setting up a web site for the Center to disseminate the missions and activities of the center and its beneficiaries, and communicate at an institutional level.

Required equipment (per Center)

As an example, the following list gives the quantities of equipment needed for each Community Technological Center under the National Information Society Program (PSI)

Quantity	Base equipment details
1	Eight-point hub RJ 45 LAN 10/100 Mbs
1	Modem 56 Kbps V90
4	Work stations
1	Work stations (network server)
1	Black & white laser printer
1	Color jet printer
1	Full page scanner
2	USB videoconferencing camera
1	Digital camera
5	800 Kva stabilizer
5	Table and chair
1	Basic software packages for CTC {link}
1	Application software package for CTC
1	Educational software packages for CTC
1	Turnkey system installation (data installation, power supply and hardware configuration)

Quantity	Details of basic software package
1	SBS Windows NT 4.0
1	Windows 98

Quantity	Details of application software packages
1	Office 97 Standard
1	Front Page 98
1	Movie Maker
1	Creative Writer

Quantity	Details of educational software packages
1	Encarta 99
1	Explorapedia
1	World Atlas
1	American Encyclopedia Atlas Vol. 1 and 2

1	Map of Argentina
1	Map of Brazil
1	World history
1	History of Argentina Vol. 1 and 2
1	Ateneo Biographies, History, Geography and Culture of Argentina
1	Ateneo Dictionary Vol. 1 and 2
1	Mobile classroom – Human Body
1	Mobile classroom – Solar System
1	Inventions workshop
1	How do things work?
1	Hannibal around the world

Table of monthly costs:

Concept	Unit cost	Quantity	Total cost
Fees	1000	5	5000
Coordinator and technical advisor traveling expenses	500	2	1000
Inputs			
A4 paper		2	
Foolscap paper		2	
Toner		1	
Ink cartridge		3	
Diskettes		10	
Operating costs			
Server connection			
Telephone			
Electricity			

Location guidelines:

- Technical and technological feasibility: non-exclusive, considering that many places in the province do not even have electric power.
- Characteristics of the beneficiary population: urban and rural, indigenous and Creole population, to obtain a representative sample.
- No CTCs in the PSI.
- The location will meet the requirements in the health, education and social development areas and will not overlap the planning of the Province's micro-regions.

PCC.I/RES.4 (I-02)⁶

**Structure of PCC.I (Telecommunication Standardization) and Mandates for the Working Groups
2002-2006**

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

CONSIDERING:

- a) The new mandate received from the CITELE Assembly, Resolution 43 (III-02), which places significant emphasis on the standardization, certification and the implementation of the MRA;
- b) The proposals received from the participants of PCC.I;
- c) The pertinent resolutions of the 2002 ITU Plenipotentiary Conference affecting the activities of PCC.I;

RESOLVES:

1. That the structure outlined in Annex 1 to this resolution shall be put into effect immediately.
2. That the working groups within the new structure of PCC.I (Telecommunication Standardization) shall have the corresponding mandates that are in Annex 2 to this resolution.
3. That the existing Working Groups and Ad Hoc Groups of PCC.I (Public Telecommunications Services) conclude their work and provide their final report to the second meeting of PCC.I (Telecommunication Standardization) and provide the chair of PCC.I with recommendations regarding future activities that are within the new mandate of PCC.I

⁶ CCP.I-TEL/doc.78/02 rev.1

Annex 1

Structure of PCC.I

Standards Coordination	Advanced Network Technologies and Services	MRA and Certification Processes	Economic Aspects and Tariff Principles	World Conference on International Telecommunications	World Telecommunications Standardization Assembly
<ul style="list-style-type: none"> • Signaling • Fraud • Wireless • Numbering • Interconnection and interoperability • Security • Policy Aspects 	<ul style="list-style-type: none"> • IP/NGN • Domain Name issues • Network security • Broadband • Policy Aspects 	<ul style="list-style-type: none"> • MRA implementation • Harmonization of certification processes • Harmonization of Conformity assessment processes • Cooperation with other regional MRA groups • Yellow Book • Policy Aspects 		<ul style="list-style-type: none"> • WCIT preparation 	<ul style="list-style-type: none"> • WTSA preparation

Note: the activities listed above are just examples of activities that could be undertaken in the Working Groups, and should not be considered an exhaustive list.

ANNEX 2 SPECIFIC MANDATES OF WORKING GROUPS

A basic principle of PCC.I is to work in close partnership with the private sector in all aspects of its activities. These mandate descriptions are not to be considered exhaustive.

Working Group on Standards Coordination

1. To establish telecommunication standards which promote harmonization among the countries of the region and facilitate network interconnectivity and interoperability.
2. To coordinate within CITEI those areas related to standardization in order to achieve the common objectives of CITEI.
3. To identify organizations that influence telecommunication standards in the region and facilitate regional and global network interconnectivity and interoperability, with special emphasis on the body of standards established by the ITU-T.
4. To seek ways to enhance the work of PCC.I through the implementation of the Cooperative Agreements between CITEI with other standards bodies both regional and global.

Working Group on Advanced Network Technologies and Services

To develop frameworks, architectures and scenarios to foster the enhanced understanding of new network and related technologies in the region of the Americas, how they interrelate, and how they contribute to network and service convergence and evolution. In particular to focus on Next Generation Networks, Internet-related issues such as IP addresses, domain name management, broadband access and network security. Further to use such frameworks and scenarios to help identify required standards or existing applicable standards to facilitate interconnection and interoperability. To investigate, report on and raise awareness of new technologies and their application among the member states of the region.

Working Group on MRA and Certification Processes

To study the requirements of telecommunications equipment certification processes in each of the different CITEI countries, so analyses can be done to harmonize such certification processes in the region. Furthermore, to implement the Inter-American MRA and establish common procedures and processes for MRA implementation. This mandate includes cooperation with other regional bodies implementing similar MRAs and to the extent possible engagement in common implementation processes. To study and develop the themes related to certification of electronic signatures, on-line transaction security, and authentication of the actors in such transactions.

Working Group Economic Aspects and Tariff Principles

To promote coordination and information sharing among the Member States with respect to tariff and economic issues and to develop analyses relating to economic aspects and tariff principles of telecommunications services. These activities should take into consideration the relevant recommendations and studies being conducted by the ITU-T.

Working Group on Preparations for the World Conference on International Telecommunications

Recognizing the principal output of such a conference is the review of the International Telecommunication Regulations, the group will consider the agenda for the World Conference on International Telecommunications convened under the auspices of the ITU in order to promote the interests of member states from the Americas' Region in this international Forum.

Working Group on Preparations for the World Telecommunication Standards Assembly

To develop common CITELE proposals that will be submitted to World Telecommunication Standardization Assembly convened under the auspices of the ITU-T in order to promote the interests of the member states of the Americas' Region in this international Forum. Specifically the group will develop, among others, proposals on:

- a. Working methods and organization of the ITU-T,
- b. Mandate and priorities of the study groups of the ITU-T,
- c. Promotion and use of standards developed by the ITU-T, and
- d. Improvement in the distribution of the results of the work accomplished by the ITU-T.

PCC.I/RES.5 (1-02)⁷

Structure and Terms of Reference of the Working Groups of PCC.I: Telecommunication Standardization

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

RECOGNIZING:

- a) The new mandate received from the CITELE Assembly, Resolution 43 (III-02), which places significant emphasis on the standardization, certification and the implementation of the MRA.
- b) The proposals received from the participants of PCC.I.
- c) The pertinent resolutions of the 2002 ITU Plenipotentiary Conference affecting the activities of PCC.I.

CONSIDERING:

The new Working Group structure and Mandates contained in Annexes 1 and 2,

⁷ CCP.I-TEL/doc.87/02 rev.1

RESOLVES:

1. To approve the appointment of Chairs and Vice Chairs as in Annex 3.
2. To approve the Terms of Reference for the Working Groups as in Annex 4.

Standards Coordination	Advanced Network Technologies and Services	MRA and Certification Processes	Economic Aspects and Tariff Principles	World Conference on International Telecommunications	World Telecommunications Standardization Assembly
<ul style="list-style-type: none"> • Signaling • Fraud • Wireless • Numbering • Interconnection and interoperability • Security • Policy Aspects 	<ul style="list-style-type: none"> • IP/NGN • Domain Name issues • Network security • Broadband • Policy Aspects 	<ul style="list-style-type: none"> • MRA implementation • Harmonization of certification processes • Harmonization of Conformity assessment processes • Cooperation with other regional MRA groups • Yellow Book • Policy Aspects 		<ul style="list-style-type: none"> • WCIT preparation 	<ul style="list-style-type: none"> • WTSA preparation

Note: the activities listed above are just examples of activities that could be undertaken in the Working Groups, and should not be considered an exhaustive list.

ANNEX 2

SPECIFIC MANDATES OF WORKING GROUPS

A BASIC PRINCIPLE OF PCC.I IS TO WORK IN CLOSE PARTNERSHIP WITH THE PRIVATE SECTOR IN ALL ASPECTS OF ITS ACTIVITIES. THESE MANDATE DESCRIPTIONS ARE NOT TO BE CONSIDERED EXHAUSTIVE.

WORKING GROUP ON STANDARDS COORDINATION

1. To establish telecommunication standards which promote harmonization among the countries of the Region and facilitate network interconnectivity and interoperability.
2. To coordinate within CITELE those areas relating to standardization in order to achieve the common objectives of CITELE.
3. To identify organizations that influence telecommunication standards in the Region and facilitate regional and global network interconnectivity and interoperability, with special emphasis on the body of standards established by the ITU-T.
4. To seek ways to enhance the work of PCC.I by implementing the Cooperative Agreements between CITELE with other regional and global standard bodies.

WORKING GROUP ON ADVANCED NETWORK TECHNOLOGIES AND SERVICES

To develop frameworks, architectures and scenarios to foster the enhanced understanding of new network and related technologies in the Region of the Americas, how they interrelate, and how they contribute to network and service convergence and evolution. In particular to focus on Next Generation Networks, Internet-related issues such as IP addresses, domain name management, broadband access and network security. Also to use such frameworks and scenarios to help identify required standards or existing applicable standards to facilitate interconnection and interoperability. To investigate, report on and raise awareness of new technologies and their application among the member states of the Region.

WORKING GROUP ON MRA AND CERTIFICATION PROCESSES

To study the requirements of telecommunication equipment certification processes in each of the different CITELE countries, so analyses can be undertaken to harmonize such certification processes in the Region. Also to implement the Inter-American MRA and establish common procedures and processes for MRA implementation. This mandate includes cooperation with other regional bodies implementing similar MRAs and to the extent of possible engagement in common implementation processes. To study and develop the issues relating to electronic signature certification, online transaction security and authentication of players therein.

WORKING GROUP ON ECONOMIC ASPECTS AND TARIFF PRINCIPLES

To promote coordination and information sharing among the Member States with respect to tariff and economic issues and to develop analyses relating to economic aspects and tariff principles of telecommunication services. These activities should take into consideration the relevant recommendations and studies being conducted by the ITU-T.

WORKING GROUP ON PREPARATIONS FOR THE WORLD CONFERENCE ON INTERNATIONAL TELECOMMUNICATIONS

Considering that the principal output of such a conference is the review of the International Telecommunication Regulations, the group will consider the agenda for the World Conference on International Telecommunications convened under the auspices of the ITU in order to promote the interests of member states of the Americas' Region in this international Forum.

WORKING GROUP ON PREPARATIONS FOR THE WORLD TELECOMMUNICATION STANDARDS ASSEMBLY

To develop common CITELE proposals to be submitted to the World Telecommunication Standardization Assembly convened under the auspices of the ITU-T in order to promote the interests of the member states of the Americas' Region in this international Forum. Specifically, the group will develop proposals, for example, on:

- e. Working methods and organization of the ITU-T,
- f. Mandate and priorities of the study groups of the ITU-T,
- g. Promotion and use of standards developed by the ITU-T, and
- h. Improvement in the distribution of the results of the work accomplished by the ITU-T.

ANNEX 3

CHAIRS AND VICE CHAIRS OF PCC.I WORKING GROUPS

1. Working Group on Standards Coordination

Chair	Brazil	Walter Calil
Vice Chair	Canada	Oscar Avellaneda
Vice Chair	Argentina	Héctor Carril

2. Working Group on Advanced Network Technologies and Services

Chair	Venezuela	TBD
Vice Chair	USA	TBD
Vice Chair	El Salvador	Victor Artiga

3. Working Group on Mutual Recognition Agreements (MRAs) and Certification Processes

Co-Chair	Mexico	Raul Topete
Co-Chair	Canada	Andy Kwan
Vice Chair	Dominican Republic	TBD
Vice Chair	Mexico	Alberto Zetina Velez

4. Working Group on Economic Aspects and Tariff Principles

Chair	Argentina	Facundo Begni
Vice Chair	Mexico	TBD
Vice Chair	USA	TBD

5. Working Group on WTSA preparation

Chair	Brazil	Bruno de Carvalho Ramos
Vice Chair	Dominican Republic	TBD
Vice Chair	Ecuador	TBD

6. Working Group on WCIT Preparation

To be decided later by the PCC.I Chair

ANNEX 4

TERMS OF REFERENCE OF WORKING GROUPS

1. Working Group on Standards Coordination

- a. To coordinate with other CCPs in those areas relating to standardization in order to attain the common objectives of CITELE.
- b. To identify and facilitate organizations that influence telecommunication standards in the Region and to facilitate regional and global network interconnectivity and interoperability, under the framework of the ITU-T and with special emphasis on the body of standards laid down by the ITU Standardization Telecommunication Sector.
- c. To promote harmonization of telecommunication standards among the countries of the Region in order to facilitate network interconnectivity and interoperability.

2. Working Group on Advanced Network Technologies and Services

The *Advanced Network Technologies and Services Working Group* will be guided by the following terms of reference:

- a. To stimulate and promote the development of telecommunication services and networks in the *Americas Region*. Identify new network technologies that Member States might be interested in adopting, study their impact on existing networks and recommend optimal evolution paths as required standardization
- b. To study the impact on the implementation of the new telecommunication services, particularly those supported in *IP*, such as *IP Telephony* and *Multimedia Services*; as well as assessing mechanisms that help implement these services in the countries of the Region.
- c. To establish a standards and regulations framework for applications, services and systems, designed to meet the requirements of mobility, ease of use, flexibility and end-to-end interoperability, with specific quality of service requirements, with these aspects constituting a topic of vital interest for Telecommunications Regulators and Operators, as they are directly linked to user satisfaction and the competitive edge of the services.
- d. Establishment of framework on interconnection and interoperability standards for telecommunication networks covering aspects such as numbering, addressing and signaling, as

these aspects directly affect the convergence process of telecommunication networks and services, as well as the development of telecommunications *per se*.

- e. To study the security aspects related to telecommunication network development and harmonization of the regulations implemented in the *Americas Region* on this matter.
- f. To study topics related to the *Country-Code Top-Level Domain Names (ccTLD)* and *IP Addresses*, in order to draw up guidelines to be considered to help the *Member States of CITELE* to deal with matters related to the administration of these resources, which were rated as matters of public interest by the *Plenipotentiary Conference of the ITU*, in view of the implications of domain name and Internet address management on matters related to sovereignty, protection of individual rights and equitable access for all.

3. Working Group on Mutual Recognition Agreements (MRAs) and Certification Processes

- a. To maintain the Working Group structure, confirming Mr. Raúl Topete, from Mexico as Co-Chair, responsible for the certification processes; Mr. Andrew Kwan, from Canada, as co-Chair responsible for the MRAs; and Mr. Alberto Zetina of Ericsson de Mexico and a delegate from the Dominican Republic as Vice Chairs of the Working Group.
- b. To finish and constantly update the “Yellow Book on Certification Processes of Telecommunication Equipment in the Americas”.
- c. To study the requirements of conformity assessment processes, including the telecommunication equipment certification processes in the different CITELE countries in order to perform studies to harmonize those certification processes in the Region (CITELE/RES.43 of Assembly III-02).
- d. To study the certification requirements of the processes needed for developing telecommunications and information technologies and their applications, further to the certification and conformity assessment requirements of telecommunication equipment based on information technologies, to sustain recommendations of policies and strategies on this matter to be considered by CITELE countries.
- e. To study and develop issues relating to electronic signature certification, online transaction security and authentication of the players therein (PCC.I/RES.100 of XIII-00).
- f. To develop guidelines on conformity assessment process policies, including certification processes applied successfully in other countries or regions, and which are suitable for their possible application by the CITELE Member States.
- g. To cooperate with other regional working groups for conformity assessment, including certification processes according to the former terms of reference (for example: APEC-Tel and its taskforce on security and electronic signatures).
- h. To continue promoting the Inter-American Mutual Recognition Agreement in the Americas.

Work Program:

- a. To perform the activities for preparing and constantly updating the Yellow Book on Telecommunication Equipment Certification Processes in the Americas.

- b. To study the requirements of the certification processes for telecommunication development, information technologies and their applications, further to the information technology-based telecommunication equipment certification requirements.
- c. To develop guidelines on conformity assessment policies, including appropriate certification processes for their possible application by CITELE Member States, pursuant to the laws, regulations and legal provisions applicable in each.
- 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 applicable certification in the CITELE Member States.
- f. To act in conjunction with the work of ITU-T Study Group 17, and other ITU study groups 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 Marrakesh 2002).
- h. To perform studies on the requirements of conformity assessment processes, including certification processes of telecommunication equipment in the different CITELE countries, in order to develop guidelines and recommendations for harmonizing these process in the Region (CITELE/RES.43 of Assembly III-02).
- i. To continue promoting the Inter-American Mutual Recognition Agreement in the Americas.

4. Working Group on Economic Aspects and Tariff Principles

- a. To identify and request mandates for the PCC.I to develop projects on economic issues and tariff principles, according to the current requirements resulting from advanced technologies and emergence of new telecommunication services, such as intermediary and end services.
- b. That this Working Group, in addition to its projects, is responsible for requests for help from other Working Groups of this Commission, within the scope of CITELE.
- c. To determine and include community connectivity indicators that permit measuring the actual impact that it represents for community development.
- d. To take into consideration the work of the ITU-T Study Group 3 in order to submit contributions from the Region of the Americas.

Work Plan

- a. To contribute to preparing connectivity indicators, as approved in PLEN/1 of the ITU Plenipotentiary Conference – 2002.
- b. To study the economic aspects associated with Internet connectivity in the Americas.
- c. To study economic proposals for the development of telecommunications in an environment of healthy competition and efficient services, such as interconnection, network element desegregation and international and national long distant calls, etc.
- d. To draw up economic models for allocation of funds for social coverage and their later use.
- e. To prepare comparative reports on telecommunication service charges in the Region.
- f. To study the economic issues relating to the tariffs and access charges of fixed and mobile telephony.

5. Working Group on 2004 WTSA Preparation

- a. To identify priorities for the new guidelines for the Telecommunication Standardization Bureau – ITU-T, including the responsibilities of the Member States and the Members of the Sector;
- b. To study and analyze new working methods within the ITU-T, aiming at:
 - greater flexibility;
 - optimization of resources, including new forms of meetings, handling documents and translation;
 - transparency and coordination between the ITU and the SDOs.
- c. To review the structure of the Standardization Bureau, with the Member States, and Associate members (operators and technology providers) continuing to decide priorities and directions with greater flexibility and speed, allowing for fuller participation of the private sector to meeting the needs of the Members of the Sector;
- d. To analyze the responsibilities of the Advisory Group (TSAG);
- e. To propose input documents for the WTSA-2004 that express the expectations of the CITEL Administrations; finish the preparatory work during the first half of 2004, allowing plenty of time for the presentation of proposals to the WTSA, which should take place in October 2004.

6. Working Group on WCIT Preparation

To be supplied at a later date

PCC.I/RES.6 (I-02)⁸

Termination of the Working Groups, Ad hoc Group and Rapporteur Groups of PCC.I : Public Telecommunications Services

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

CONSIDERING:

That the CITEI Assembly has given PCC.I a new mandate, reason why it was completely reorganized.

RESOLVES:

1. To officially dissolve all the Working Group, Ad Hoc Group and Rapporteur Groups of the former PCC.I structure.
2. To implement immediately the structure approved in resolutions PCC.I/RES.4 and 5 (1-02).
3. To instruct the Chairs of the Working Groups of the new structure of PCC.I, with the assistance of their respective Vice Chairs, to revise the structure of those groups, establish the mandates of the Rapporteur Groups and their work plans, and indicate the names of the respective Rapporteurs.
4. To urge the Chairs of the Working Groups to send the results of the work mentioned in operative paragraph 3 to the Chair of PCC. I within two months.

INSTRUCTS THE EXECUTIVE SECRETARY:

1. To prepare a letter to be sent by the Chairman of PCC.I to the chairs of the Working Group, Ad Hoc Groups and Rapporteur Groups of the former PCC.I structure, informing them of the appreciation for the numerous contributions they have made to the work of PCC.I and to the advancement of telecommunications in the Americas.
2. To notify all member states and associate members of CITEI of the new structure of PCC.I, on behalf of the Chair of PCC.I.

⁸ CCP.I-TEL/doc.67/02 rev.1

PCC.I/RES.7 (I-02)⁹

Appointment of the Vice-chair of PCC.I

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

CONSIDERING:

That the PCC.I Chair has invited the Federative Republic of Brazil to continue holding the position of Vice Chair of the committee.

RESOLVES:

1. With the concurrence of The Administration of Brazil to designate Mr. Marcos Bafutto as Vice Chair of the PCC.I for the period of 2002 - 2006.
2. To ask the Chair of the PCC.I, with the collaboration of the Secretariat, to send a letter, on behalf of the Chairman of PCC.I, to the outgoing Vice-chair, Mr. João Carlos Albernaz, on behalf of PCC.I informing him of the high regard PCC.I has for him personally and for the valuable contributions he has made as Vice-chair in furthering the work of PCC.I and the advancement of telecommunications in the Americas.

PCC.I/RES.8 (I-02) ¹⁰

Agenda, Venue and Date of the II Meeting of PCC.I (Telecommunication Standardization)

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

RESOLVES:

1. To hold the II Meeting of the Permanent Consultative Committee I: Telecommunication Standardization in the first half of 2003, on the date and at the venue to be determined during the XII COM/CITEL meeting.
2. To adopt the Draft Agenda for the II Meeting of PCC.I in the annex attached to this resolution.

⁹ CCP.I-TEL/doc.68/02

ANNEX:

Draft Agenda of the II Meeting of PCC.I

1. Approval of the agenda and schedule of activities
2. Establishment of the Drafting Group for the final report
3. Report of the activities of the Working and Ad Hoc Groups since the I Meeting
4. Report of the activities of the Working and Ad Hoc Groups during the II Meeting
 - a) Working Group on Standards Coordination
 - b) Working Group on Advanced Network Technologies and Services
 - c) Working Group on MRA and Certification Processes
 - d) Working Group on Economic Aspects and Tariff Principles
 - e) Working Group on Preparations for the World Telecommunication Standards Assembly
5. Approval of the Final Report
6. Agenda, venue and date for the III Meeting of PCC.I
7. Other Business

PCC.I/RES.9 (I-02)

**Recognition and Thanks of the Permanent Consultative Committee I of CITEL
to Engineer William Moran**

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

CONSIDERING:

That Engineer William Moran, the Principal Specialist of the Inter-American Telecommunication Commission, will retire in February 2003, with this being his last participation as such.

RESOLVES:

1. To recognize and offer thanks for his valuable contribution and support to the work of the PCC.I in the course of his professional career, to the benefit of telecommunications in the Americas.
2. To ask the Chair of PCC.I to send, with the collaboration of the Secretariat, a letter of thanks to Engineer William Moran, informing him of this decision of the PCC.I and expressing to him its best wishes for his happiness.

PCC.I/RES.10 (I-02)

To forward to the XII meeting of COM/CITEL the report on the activities undertaken by the PCC.I regarding the WSIS

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

CONSIDERING:

a. That during the XVI Meeting of the Permanent Consultative Committee I: Public Telecommunications Services (PCC.I) held on May 27 – 30, 2002 in Montevideo, Uruguay, Resolution N° PCC.I/Res. 158 (XVI-02) was adopted, entitled “Call to the Member Countries and Associate Members to forward their Views and Requests Regarding CITEL’s Participation in the Framework of the WSIS” so that, based on the outcome of the I Meeting of the Preparatory Committee (PreCom 1) and the list of topics submitted by the Member States, the Rapporteur Group will draw up a proposed structure that will constitute the document that the PCC.I (Telecommunication Standardization) will submit to COM/CITEL for consideration as the CITEL contribution to the WSIS (Annex II); and

b. On this matter, the Member States and the Associate Members are requested to submit their contributions to the I Meeting of PCC.I (Telecommunication Standardization) through the Executive Secretariat of CITEL, taking into consideration the outcome of the unofficial Meeting of Sub-Committee 2 of PreCom 1, while also taking into consideration the results of the Plenipotentiary Conference 2002 (Decision PLEN/1 and Resolution PLEN/7).

TAKING INTO ACCOUNT:

a. That during the III Regular Meeting of CITEL held on August 12 – 16, 2002, the Declaration was adopted in Washington, D.C., through which it was agreed, among other matters, to contribute actively to the preparatory measures for the World Summit on the Information Society, providing the principles of an Agenda for Connectivity in the Americas, fostering cooperation and participation among stakeholder sectors in the Region, drawing up proposals and deploying any other mechanism allowing the active presence of the Member States and Associate Members;

b. That in addition to the above, Resolution CITEL/RES.43 (III-02) was adopted, through which it was resolved to establish the Permanent Consultative Committee I and II, as well as their objectives and mandates; and

c. That, as a result of the restructuring proposed at the I Meeting of PCC.I (Telecommunication Standardization), WSIS-related activities were brought to a close.

RESOLVES

Pursuant to the above and considering the above-mentioned resolution CITEL/RES.43 (III-02) to invite the Chair of PCC.I to forward to the XII Meeting of COM/CITEL the Report on the Activities undertaken by PCC.I regarding the WSIS (Annex I) for consideration thereby, together with Annex II of this Resolution.

ANNEX I

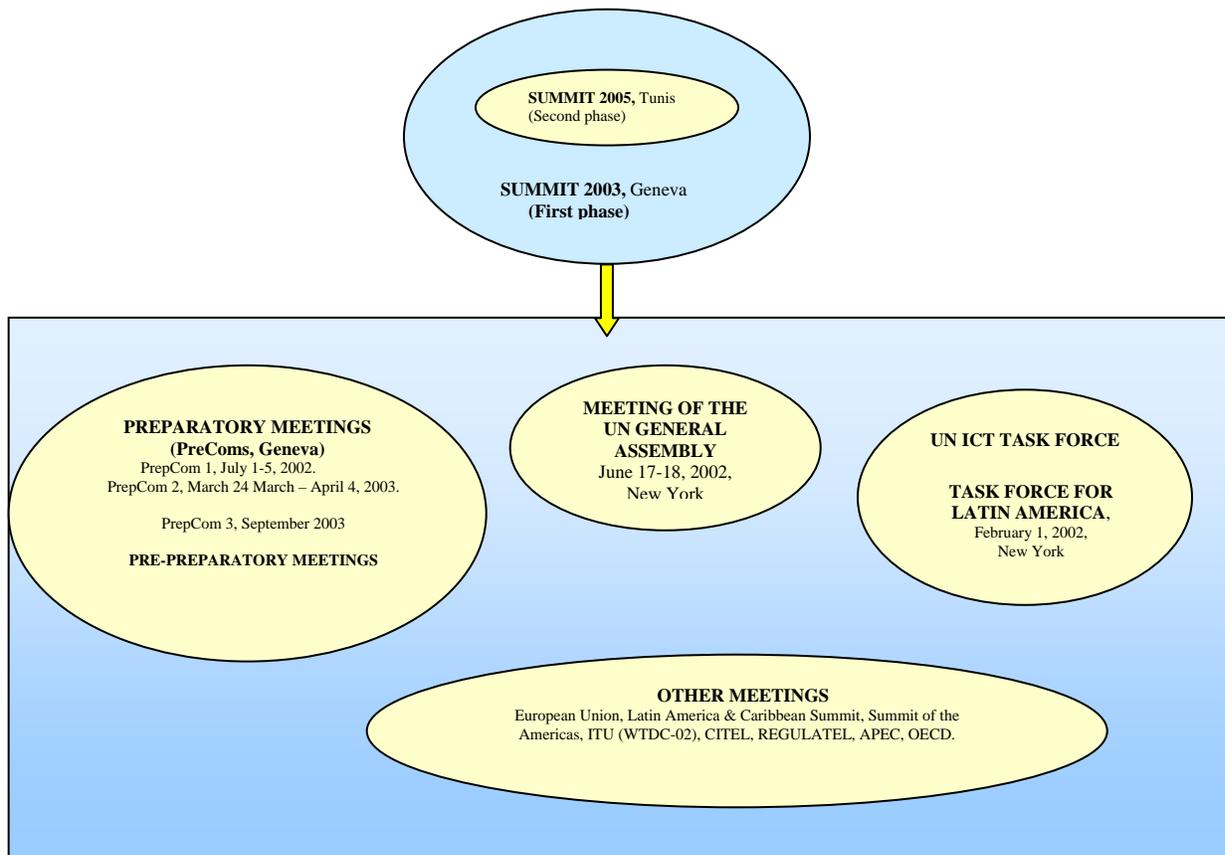
REPORT ON THE ACTIVITIES OF PCC.I FOR THE WORLD SUMMIT ON THE INFORMATION SOCIETY

During the XVI Meeting of the Permanent Consultative Committee I: Public Telecommunications Services held on May 27 – 30, 2002 in Montevideo, Uruguay, Resolution N° PCC.I/Res. 158 (XVI-02) was adopted, entitled “Call to the Member Countries and Associate Members to forward their Views and Requests Regarding CITEL’s Participation in the Framework of the WSIS” through which the following was resolved:

1. To urge the Member States of CITEL to forward a list to the Rapporteur Group on e-Commerce and Community Development under the Working Group for the Promotion of the Global Information Infrastructure, putting forward the topics to be included in the document that the PCC.I will submit to COM/CITEL for consideration as the CITEL contribution to the WSIS.
2. To invite the Member States to attend the next PrepCom-1, from July 1 - 5, 2002, at the International Conference Center in Geneva (CICG).
3. Based on the results of the above-mentioned PrepCom-1 and the list of topics submitted by the Member States, the Rapporteur Group on e-Commerce and Community Development will draw up a proposed structure for the document mentioned in Item 1 of this Resolution.
4. That the proposed structure mentioned in the previous item should be forwarded to the Member States, so that they may submit their comments on this document to the Rapporteur Group in question.

At the III Regular Meeting of the Inter-American Telecommunication Commission (CITEL) held on August 12 – 16, 2002, the Declaration was adopted in Washington, D.C., through which it was agreed, among other matters, to contribute actively to the preparatory measures for the World Summit on the Information Society, providing the principles of an Agenda for Connectivity in the Americas, fostering cooperation and participation among stakeholder sectors in the Region, drawing up proposals and deploying any other mechanism allowing the active presence of the Member States and Associate Members.

VARIOUS FORUMS LEADING TO THE WSIS:



BACKGROUND OF THE WSIS

The idea of the World Summit on the Information Society (WSIS) was launched for the first time in Resolution N° 73 of the Plenipotentiary Conference of the ITU (Minneapolis, 1998) and was later confirmed by Resolutions N° 1158 and 1179 of the Council of the ITU at the meetings held in 2000 and 2001 respectively, as well as by Resolution 1196 and Decision 509 of the Council 2002, and also by Resolutions 30 and 37 of the WTDT-02. In Resolution N° 56/183 issued by the General Assembly of the United Nations, the international community decided to organize the WSIS, and invited the ITU to assume “the main administrative function” in the Executive Secretariat of the WSIS and its preparatory process in cooperation with other organizations and associates.

OBJECTIVES AND THEMES PROPOSED BY THE WSIS

The Table presented below contains the objectives defined in above-mentioned Resolution N° 56/183:

Proposed Theme Groupings	Objectives established in the above-mentioned Resolution N° 56/183	Proposed Themes
View	To promote a common view and understanding of the information society and adopt a Declaration and Plan of Action to apply to governments, international institutions and all sectors of civil society.	<ul style="list-style-type: none"> ➤ Open doors ➤ Define a framework
Access	The need was stated to seek world consensus and commitment to promote urgent access for all countries to knowledge, information and communications technology fostering development in order to take advantage of the technological revolution in information and communications.	<ul style="list-style-type: none"> ➤ Build infrastructure ➤ User needs.
Applications	The urgent need is recognized to make good use of the possibilities offered by knowledge and technology to promote the objectives set in the Millennium Declaration and to pursue effective and innovative ways to place these possibilities at the service of development for all.	<ul style="list-style-type: none"> ➤ Services and applications. ➤ ICTs and education.

RESULTS EXPECTED FROM THE WSIS11

It is expected that the WSIS will adopt a Declaration of Principles on the foundations of the information society in the XXI century, as well as the preparation of a strategic Plan of Action to foster across-the-board development of the Information Society.

PREPARATORY COMMITTEES (PrepComs)

A High-Level Summit Organizing Committee (HLSOC) was established, consisting of the Directors-General of the United Nations agencies and directed by the Secretary-General of the ITU, with the aim of coordinating efforts in the United Nations system to prepare, organize and hold the WSIS.

The following Meetings of Preparatory Committees have been considered:

- PrepCom 1 – Geneva, Switzerland, 1 to 5 July, 2002. To launch a round of discussions on the themes and agenda of the WSIS.
- PrepCom 2 – Geneva, Switzerland, 24 March to 4 April, 2003. Whenever programmed conferences are organized by governments and ad hoc or theme-specific meetings to obtain more comments on the themes, agenda and results, included in regional points of view, these contributions will be channeled to PrepCom 2. On the other hand, the possibility will be offered of submitting written contributions to be examined at this meeting.
- PrepCom 3 – Geneva, Switzerland, September 2003. A second opportunity will be afforded to fine-tune and focus on essential issues, themes, agenda and results.

¹¹ The fact that the WSIS is held in two stages allows the efficiency of the Plan of Action to be evaluated and fine-tuned in the second stage.

RESULTS OF PrepCom1

The Preparatory Committee decided to set up two Sub-Committees: a) chaired by Switzerland, Sub-Committee 1 was commissioned to examine the Draft Internal Regulations of the Preparatory Committee, Draft Internal Regulations of the Summit and accreditation provisions; and b) chaired by Mexico, Sub-Committee 2 was commissioned to examine the themes proposed for the Summit and its possible results.

With regard to Sub-Committee 2, the document containing the guiding principles for the preparatory work and the WSIS was adopted; another document concerning the themes proposed for the WSIS¹² was included as an Annex to the Report, and will serve as a guide for future work.

As a result of these efforts, the Chair of Sub-Committee 2 called an informal meeting in Geneva, Switzerland, from September 16 – 18, 2002 to define the principles and themes for the WSIS, the results of which are presented below:

¹² The following themes were identified as a starting point for undertaking future work (Annex 4 of doc. WSIS/PC-1/DOC/11 (Rev.1)-S):

- Infrastructure: financing, installation and sustainability;
- Identifying and surmounting the stumbling-blocks hampering the establishment of the information society;
- The functions of the government, the business sector and civil society in furthering ICTs to foster development;
- Education, development of human resources and capacity-building;
- Access to information and communication technologies;
- Information network security;
- Preparing a policy and regulatory framework, and
- ICT applications (education, healthcare, culture, eradicating poverty, government, employment and enterprises).

Results of the Unofficial Meeting of Sub-Committee 2 / PrepCom1 for the WSIS

On the basis of the document adopted by the I Meeting of the Preparatory Committee on the guiding principles for the preparatory works and the WSIS, as well as the topics proposed for the Summit by the Chair of Sub-Committee 2, this Sub-Committee undertook official consultations on September 16 - 18, 2002. It was agreed to present the following official at the Regional Preparatory Meetings and the II Meeting of the WSIS Preparatory Committee.

In this regard, the following set of principles was initially identified to guide the preparatory work and the Summit.

- The Preparatory Committee and the Summit should strive to extend the benefits of the Information Society to all, steering development and bridging the digital divide.
- This requires reaching common understandings and fostering awareness of:
 - the information society; and
 - the types of response to the challenges offered by the digital divide.
- The Summit should examine matters related to infrastructure and content.
- The preservation of linguistic diversity and cultural identity should be rated as top priority.
- The corresponding ethical dimensions of the ICTs should be taken under consideration.
- A spirit of international cooperation should prevail.

- The ICTs are tools for attaining economic and social targets, such as the objectives of the United Nations Millennium Declaration, rather than as an end in themselves.
- The importance of universal access should be stressed, while opening the information society to all.
- [This requires many links to be built up among many diverse players][The importance of broad-ranging cooperation among the players should be underscored]
- The importance of the communities should be stressed, together with ICT use benefiting the least-favored groups (such as women, young people, children, the disabled, indigenous peoples and migrants).
- [The importance of matters related to information network security should be emphasized]

In parallel, the following topics are initially identified as the starting point for future works.

- Information and Communication Infrastructure: financing and investment, costs, development and sustainability.
 - Broad range of associations for allocating investments.
- Identifying and surmounting stumbling blocks that hamper the implementation of the information society, tailored to human needs.
- Access [universal and equitable] to information and communication technologies and sciences, [including technology transfers] and access to information and knowledge based on cultural and linguistic diversity, and the creation thereof.
- Functions of the government, the competent UN entities and agencies, the pertinent regional, national and international organizations, including financing and development institutions, the business sector, civil society /NGOs, academic institutions, the communications media and any other element that could contribute to the progress of the information society, deploying ICTs to foster development.
- Capacity-building: development of human resources, education and training.

- Options:
 - [Information network security]
 - [Global government of the ICTs, including information and network security, data protection, consumer safety and user privacy]
 - [Information security and network security]
 - [Information security]
- [[Establishing a context [national and international], mainly][policies and regulatory frameworks][and drawing up codes of conduct for trade and business]]
- Development of ICT applications focused on development for all (such as education, health, culture, eradication of poverty, e-government, employment, business, e-commerce, local content, context, warning and prevention systems, voice and touch applications).
- Encouraging the participation of SMEs, particularly in the developing countries within the sphere of influence of the ICTs.
- [Follow-up and assessment]

PREPARATORY ACTIVITIES AT THE NATIONAL, REGIONAL & INTERNATIONAL LEVELS

I. National Preparatory Measures

The national governments were invited to present timely contributions for examination by the Preparatory Committee and the WSIS, as well as identifying national connection points with the WSIS. The preparatory measures and contributions from the national governments may be made available for the WSIS preparation efforts in several different ways, including participation in the Regional Conferences and Ad Hoc (Theme-specific) Meetings.

II. Regional Preparatory Measures

The regional preparatory measures for the WSIS will take place during 2002 and 2003, including Regional Conferences, Ad Hoc Meetings and Meetings of Experts, organized in order to help assess the challenges facing the Information society from a regional standpoint. Working closely with the UN Regional Commissions, the national governments will play a significant role in the organization of the Regional Conferences and Ad Hoc Meetings.

The scheduled Regional Conferences are listed below:

- African Regional Conference:
May 28 - 30, 2002, Bamako, Mali;
- Pan-European Regional Conference:
November 07 - 09, 2002, Romania;
- Asia-Pacific Regional Conference:
Japan has expressed its interest in hosting this Conference; and
- Latin America & Caribbean Regional Conference:
First quarter 2003, Dominican Republic.

III. International Preparatory Measures

The World Telecommunications Development Conference (WTDC-02) organized by the ITU adopted a Resolution on the role of the Telecommunication Development Sector (ITU-D) covering the preparations for WSIS and the application of its Resolutions. The ITU-D / ITU will help draw up a Plan of Action, building up high-synergy links and relationships between development strategies and the WSIS.

The Plenipotentiary Conference organized by the ITU in 2002 will provide input and feedback for PrepCom-2 that will help draw up the Declaration of Principles and the Plan of Action for the WSIS.

The UN ICT Task Force has a specific role, as its mandate complies with the Millennium Declaration, stating that it must “Strive to ensure that everyone can enjoy the benefits of the new technologies, specifically the information and communications technologies”.

The UNDP has identified several projects providing strategic support for the WSIS, including the Initiative for a worldwide response and resource web.

Similarly, UNESCO will contribute to the preparation of the WSIS and its products, namely the Declaration of Principles and the Plan of Action, through a wide variety of preparatory activities.

Ending in 2003, a series of round tables on technological development and capacity-building is being organized by UNCTAD in order to ensure the ability to compete in a digital society.

The FAO intends to organize a small exhibition at the WSIS, showcasing its institutional experience in the management and distribution of agricultural information.

The WHO directs the International Health Network in order to streamline an unlimited and accessible flow of information on healthcare, helping upgrade public health through using the Internet.

The OECD will cooperate with APEC in the Asia-Pacific Region, organizing the Theme-Specific Forum on political frameworks for the digital economy in January 2003

The Council of Europe has negotiated the preparation of the Convention on Cybernetic Crimes; already signed by over 30 States, it represents a new basic international agreement framework that could form part of a series of discussions during the WSIS.

The World Bank has launched several initiatives related to the Information Society and Knowledge Management, which should provide input for various discussions during the WSIS.

The heads of the G8 countries have focused their attention on the impact of information technologies and the increasing risks of a global “digital divide”.

PCC.I/RES.11 (I-02)¹³

Presentation of MRA related information to Caribbean and Central American Members

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

CONSIDERING:

a) That Resolution CITEI/RES. 42 (III-02)¹⁴ of the Third Regular Meeting of the Assembly of the Inter-American Telecommunication Commission, CITEI, resolves that the Chair of PCC.I encourage the Working Group on Certification Processes and Mutual Recognition Agreements to make a special effort to ensure that the Caribbean States and those of Central America are aware of the requirements and benefits of participation in the MRA.

b) That there is a need to ensure the participation of the Caribbean and Central American Members in the MRA implementation process in order to have a truly integrated telecommunications community in the Americas.

c) That working together with organizations like C/LAA, CTU, COMTELCA and CANTO will Provide additional opportunities to keep the member states of the Caribbean and Central America informed of the activities surrounding the MRA implementation.

RESOLVES:

1. To request the Executive Secretary to extend offers on behalf of the Working Group on Certification Processes and Mutual Recognition Agreements to the Caribbean and Central American organizations such as CLAA, CTU, COMTELCA and CANTO to present to these organizations information on the MRA at locations and dates convenient to both the organizations and the members of the Working Group. The Executive Secretary is requested to report at the next PCC.I meeting on the results of these consultations.

2. To invite Mr. Victor Artigas of the Administration of El Salvador to assist in the implementation the mandates set forth in this resolution.

¹³ CCP.I-TEL/doc.

Mutual Recognition Agreements Workshops (MRA)

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

WHEREAS:

a. The implementation of the Mutual Recognition Agreement will generate a large amount of valuable information for regulatory agencies, designating authorities, certifying entities, conformity-evaluation organizations, manufacturers and users in general.

b. It is necessary to store this information and make it available to all the member countries of CITEL and to the countries of other regions.

c. The exchange of experiences between countries and the permanent discussions on technical procedures, rules and regulations will be valuable for identifying and solving problems.

d. Full understanding of the peculiarities and circumstances of all member countries and mutual aid among them can improve practices and strengthen trust in the certification systems adopted in each country.

RESOLVES:

That an MRA Workshop be carried out each year during the meeting of the PCC.I under the coordination of the host country and the Executive Secretary for the purpose of establishing the necessary conditions for the success of this event.

INSTRUCTS:

The Executive Secretary to study the necessary financial and administrative requirements together with the Working Group on Certification Processes and Mutual Recognition Agreements to undertake an MRA Workshop as support for the implementation of the inter-American MRA, and also to recommend a course of action for the PCC.I for the next meeting.

¹⁵ CCP.I-TEL/doc.84/02

IV. RECOMMENDATION

PCC.I/REC.1 (I-02)

Recommendations to the CITELE Member States for adopting measures tending to the development of a telecommunication infrastructure

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

CONSIDERING:

- a. The current environment of the telecommunications market is characterized by, for example:
 - Competition in networks and services.
 - The existence of multiservice providers.
 - The development of the concept of Universal Access/Service.
 - Worldwide emphasis on development and performance of the Information Society, especially with regard to the user.
- b. That citizens are entitled to access information with quality and at fair prices and that it should not be restricted by the following:
 - distribution system bandwidth.
 - the number of passive elements, such as cable distribution boxes, etc.
 - physical piping capacity constraints.
- c. That these and other complementary aspects make the provision of telecommunication infrastructures in buildings a relevant issue with regard to citizen access to networks and services supported therein.
- d. That these common residential building infrastructures, particularly those relating to piping, cabling and connections, may be a drawback to developing full competition in the telecommunication market, given their structural problems and low traffic capacity in the subscriber loop.
- e. That telecommunication infrastructures planned for highways may be a relevant aspect for developing transport networks sustaining connectivity between peoples.
- f. That convergence of services develops even further and that the Internet has come to be a very important and versatile tool within the reach of humankind.
- g. That the Internet is expected to play a valuable role in developing new applications such as **Tele-Education**, **Tele-Medicine** and **Tele-Work** as well as in regional trade.
- h. That, from the telecommunication viewpoint, it is considered convenient to transmit some concerns and guidelines from the Telecommunications Sector to all those that are involved in the construction of buildings and highways.

RECOMMENDS:

1. That the regulation applicable to telecommunication channeling in buildings and highways should endeavor to prevent free market and healthy competition constraints that are detrimental to network deployment and to new and better services.

2. That these infrastructures should be accessible on the basis of the existing regulations in each country relating to interconnections and disaggregating network elements and continue to permit total connectivity with good levels of quality.

3. That access of telecommunication service carriers to piping, cabling and connections installed in highway systems, must be available in equal, transparent and non-discriminatory conditions, in order to prevent market distortions.

4. That the common telecommunication infrastructures should be technically apt to help provide at least the following services:

- Telephony and data.
- Television and radio (terrestrial / satellite).
- Cable telecommunications.
- Broadband multimedia services.

5. That a provision should be made to install common infrastructures for specific telecommunication services with top and bottom access to the buildings:

- Top access: terrestrial broadcasting, satellite telecommunication, basic wireless telecommunication and mobile telephony services.
- Bottom access: basic telephony with copper and fiber-optic cables, ISDN, TV cable, data networks, security systems, access control.

6. That when planning common telecommunication infrastructures, the possibility should be studied of providing access in all environments and not at just one point on the premises.

7. That the expertise of all players involved in application of standards should be considered:

- Users.
- Local governments and administrations.
- Regional governments (state, province, department, etc.).
- Regulators.
- Service providers.
- Telecommunication network operators.
- Professional training schools.
- Industry.
- Installation specialists.

V. DECISIONS

The First Meeting of the Permanent Consultative Committee I: Telecommunication standardization

PCC.I/DEC.1 (I-02)	Decides to request Ms. Marian Gordon, of the Administration of the U.S., to bring to the next meeting of PCC.I, the views of the government and the private sector of the USA, regarding the establishment of a private sector advisory committee for the Chair of PCC.I.
---------------------------	---

VI. LIST OF BASIC DOCUMENTS:

Minutes of the Opening Session and First Plenary Session	CCP.I-TEL//doc.70/02
Minutes of the Second and Third Plenary Session	CCP.I-TEL//doc. 88/02
Minutes of the Fourth Plenary and Closing Session	CCP.I-TEL//doc. 89/02
List of Documents	CCP.I-TEL//doc. 1/02rev.7
List of Participants	CCP.I-TEL//doc.2/02rev.2
Final Report	CCP.I-TEL//doc. 92 /02 rev.1