



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

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

**XV MEETING OF PERMANENT CONSULTATIVE COMMITTEE I:
PUBLIC TELECOMMUNICATION SERVICES
October 1-5, 2001
Asuncion, Paraguay**

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FINAL REPORT

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FINAL REPORT

The XV Meeting of the Permanent Consultative Committee I: Public Telecommunication Services was held in Asuncion, Paraguay, October 1 to 5, 2001.

I. AGENDA

1. Approval of the Agenda and Calendar.
2. Establishment of the Drafting Group of the meeting.
3. Report from the Working Groups on the progress made since the XIV meeting.
4. Development of the tasks of:
 - a) *Working Group on Standards Coordination.*

Draft Agenda Working Group on Standards Coordination

1. Adoption of the agenda.
2. Review of the outcome of the previous meeting: XIV meeting of PCC.I, Natal, Brazil.
 - Local number portability-(LNP)
 - Intelligent networks (IN)
 - Signaling
 - Wireless devices
 - Next generation networks
3. Review of GTNC work plan.
4. Contributions to the GTNC.
5. Meeting of the working subgroups.
6. Seminar "Emergency Services in Wireless Networks to Provide Automatic Location Identification in the Americas."
7. Adoption of the final report.
8. Other relevant business.
9. Conclusion of the meeting.

Draft Agenda of the Rapporteur on Roaming, Fraud, and Numbering in the Americas

1. Presentation by Richard Dawns, Ph.D., Regional Director for Latin America and the Caribbean, UWCC, "International Roaming Implementation Guide" (IFAST).
2. Presentation by the GSM Association, Mr. Agustín Urreiztieta, Vice President of GSM South America (tentative), "Introduction to Studies Under Way at the Association." Possible cooperation with CITEL.
3. Presentation by Dr. Jorge Ferrarotti, Director of Legal Services and Regulatory Framework, Telecom Personal, S.A., "Roaming on GSM Networks, Immersion of Telecom Personal in the GSM World."
4. Presentation by Mr. Javier Ugalde, Fraud Control and Revenue Assurance Manager, Telecom Argentina. "Fraud in Technological Convergence."5.
5. Consideration of project proposal by Ecuadorian administration, CONATEL, on analysis of ITU Recommendation E.212, "Identification Plan for Land Mobile Stations": observations on the objectives, strategies, and work plan.
6. Question-and-answer period.
7. Observations and presentation of final report.

- b) *Working Group on Certification Processes and Mutual Recognition Agreements.*

Draft Agenda of the Working Group on Certification Processes and Mutual Recognition Agreements

1. Welcoming of participants
2. Presentation and approval of draft agenda
3. Report of the last WGCMRA meeting
4. Proposal for preparing and approving the organization of the YELLOW BOOK on Certification Processes for Telecommunications Equipment in the Americas.
5. Participation dates proposed by Member States
6. Discussions on :
 - Cooperation with APEC
 - Guide and Management Tools for the MRA
 - Database to store information produced in the implementation
7. Next meeting of the WGCMRA

- c) *Working Group on Basic and Universal Telecommunications Services.*

Draft Agenda of the Working Group on Basic and Universal Telecommunication Services

1. Adoption of the agenda
2. Universal service
 - Draft resolution on updating the book on universal service in the Americas, doc. 1336
3. Telemedicine
 - Draft resolution on preparing a book on telemedicine in the Americas, doc. 1340
4. Tele-education
 - Report of the chair of the group on the approach to preparing the book, doc. 1337
 - Report of the Rapporteur on Tele-education, doc.
 - Introduction of the book “Tele-education in the Americas.” Information documents 1339, 134, and 1342
 - Draft resolution “Book on Tele-education in the Americas,” doc. 1338

- d) *Working Group on the Promotion of the Global Information Infrastructure in the Americas.*

Draft Agenda of the Working Group on the Promotion of the Global Information Infrastructure

1. Adoption of the work agenda.
Group Chair Antonio Delgado, Venezuela.
2. Report of the Chair / Report “United Nations Conference on the Information Society.”
Group Chair Antonio Delgado, Venezuela
3. Report of the Group Vice Chair.
Vice Chair William MacCrum
4. Report of the Group Vice Chair and Rapporteur on Electronic Commerce and Community Development. Vice-Chair/Rapporteur Enrique Díaz Cerón, Mexico.

5. Report of the Rapporteur on Applications Developed for Global Information Infrastructure.
Rapporteur Judith Kilpatrick, United States
 6. Presentation on telecenters
Telecenters in the Americas / Ms. Judith Kilpatrick
Project [Amic@s](#) / Mr. Arunda
 7. Contributions of the member states and associate members
Delegations
 8. Review and approval of the book on information infrastructure in the Americas
 9. Definition of objectives for the fourteenth meeting of PCC.I.
New projects.
 10. Miscellaneous matters.
 11. 12. Presentation and approval of the Group report on activities carried out at the fifteenth meeting of PCC.I.
Group Chair Antonio Delgado, Venezuela
- e) *Ad hoc Group to study and define an approach to telecommunications services that use IP technology.*

Draft Agenda for the Ad Hoc Working Group on IP Telecommunications

1. Report of the Rapporteur for Available Technologies, Mr. Bill Graham - CANADA
2. Report of the Rapporteur for Policies for Promotion of Telecommunications Services Using IP Technology, Mr. James Roberts - U.S.A.
3. Report of the Rapporteur for Regulatory Matters, Ms. Maria Villavicencio - VENEZUELA
4. Consideration and discussion of the Report of the Rapporteurs
5. Adoption of the document, including the Reports of the Rapporteurs
6. Presentation to the plenary session of PCC.I of the draft resolution on the document pertaining to the work of the Ad Hoc Working Group

Draft Agenda Rapporteur Group on issues related To available technology:

1. Approval of the Agenda
 2. Review of the elements to be contained in the poster of available technologies
 3. Approval of the Poster.
- f) *Working Group on Economic Issues and Tariff Principles within the Telecommunication Sector in the Americas.*

Agenda of the Working Group on Economic Issues and Tariff Principles from the Telecommunications Sector of the Americas

1. Review and approval of the Agenda.
2. Review and approval of the Final Report of the XIV Meeting of the Permanent Consultative Committee I.
3. Presentation of the contributions associated with the application of the Survey to obtain the Indicators of the Telecommunications Sector of the Americas, circulated by the Executive Secretariat of CITEI, in Circular No. SG/CITEL/CI.005/01 dated 01.18.2001.

- 3.1. Report on the results of the application of the Survey in order to obtain the Indicators of the Telecommunications Sector of the Americas.
 4. Presentation of contributions referring to the exploration of alternative financial retribution schemes for Internet access and use.
 - 4.1. Updating of Venezuela's current situation and a proposal for the instrumentation of alternative financial retribution schemes between access providers and Internet users.
 5. Presentation of contributions associated to issues related to Free Competition
 - 5.1 Action plan to deal with issues indicated in document 1307, related to aspects of Free Competition for the year 2002.
 - 5.2 Treatments of Venezuela's Interconnection as one of the primary challenges of telecommunications markets that are open to competition.
 - 5.3 Outline of the general report on Free Competition which shall answer from the request of COM/CITEL, in accordance with Resolution 118
 6. Presentation of the Report of the Rapporteur Group to conduct studies related to international fee arrangements for Internet services in the Region of the Americas
 7. Presentation of the analysis of the answers given by Mexico in regard to the application of the survey to conduct studies related to international fee arrangements for Internet services in the region of the Americas.
 8. Presentation and other contributions.
 9. Proposal of the work plan for the 2002 Working Group.
 10. Conclusions
 11. Next meeting.
- g) *Ad Hoc Group to Prepare PCC.I inputs to the COM/CITEL Working Group in charge of the preparations for the ITU World Telecommunications Development Conference (WTDC) – 2002.*
5. Approval of the Final Report.
 6. Agenda, site and date of the next Meeting.
 7. Other matters.

II. MEETING AUTHORITIES

CHAIR

Mr. Félix Castro

VICE-CHAIR:

Mr. João Carlos Fagundes Albernaz

EXECUTIVE SECRETARY:

Mr. Clovis Baptista

MEMBERS PRESENT

Argentina, Brazil, Canada, Colombia, Guatemala, Ecuador, United States of America, Mexico, Panama, Paraguay, Uruguay and Venezuela.

ASOCIATE MEMBERS:

ARGENTINA

Movicom Bellsouth , Siemens, Telecom, Telefónica.

BRAZIL

Motorola do Brazil, NEC do Brazil, Schmid

Telecom Brazil

CANADA

Nortel Networks

ECUADOR

Pacifictel S.A.

COLOMBIA

CCIT, ETB

MEXICO

Ericsson, Lucent Technologies

PARAGUAY

Antelco, Telecel S.A., Núcleo S.A.

PERU

Telefónica del Perú.

UNITED STATES

Array Comm Inc., Ericsson, TIA, Lucent

Technologies, Committee T1, UWCC

VENEZUELA

Cantv

OBSERVERS

Spain, Japan

GUESTS

Hola Paraguay S.A, Camara Paraguaya de Internet

III. RESOLUTIONS

PCC.I/RES. 127 (XV-01)¹

ESTABLISHMENT OF A STANDARDIZED ANTIFRAUD SYSTEM IN CONVERGENT TELECOMMUNICATION SYSTEMS (FIXED-MOBILE-IP)

The XV meeting of the Permanent Consultative Committee I: Public Telecommunications Services,

CONSIDERING:

- a) That the Eighth Meeting of Permanent Consultative Committee I decided in 1998 to establish a Rapporteur Group within the Working Group on Standards Coordination, aimed at studies and tasks related to roaming, numbering and related fraudulent operations.
- b) That the XII Meeting of PCC I (June-July 2000) accepted the new Working Plan for the Rapporteur Group, confirming that issues on fraud and numbering have been included in the tasks of the Rapporteur Group and expanded its scope of action to fixed services and the different modes of interaction between both, and that this scope will increase with technological convergence.
- c) That while performing this year's tasks and preparing the presentations for the XV Meeting of PCC.I, Fraud issues have been repetitively and forcefully presented as a serious danger to network safety and operator activities, which additionally hinder the integration of communications in the region. The above has also been accepted by Administrations as an issue that calls for joint action between Government Authorities and the different companies.

RECOGNIZING:

- a) That at the time PCC.I/RES.50 (VIII-98) deemed it extremely important to adopt measures in order to share best practices and encourage common mechanisms against fraudulent operations.
- b) That the survey of experiences, analysis of the current situation and common elements in each country of the Americas regarding Legislation, Jurisprudence and Penal and Civil Crime Typification, as well as coordination with the Control Agency, demand thorough work on which proposals and concrete actions will be based to fight the scourge of Fraud.
- c) That as there is a Rapporteur Group in charge of this matter within CITEL, it is appropriate to make it responsible for the new specific tasks currently called for.

¹ PCC.I/doc.1370/01 rev.2 add.1

RESOLVES:

1. To reinforce the tasks performed by the Rapporteur Group on Roaming, Fraud and Numbering in the Americas in its fight against Fraud, within the Working Group on Coordination of Standards.
2. To request that the Rapporteur Group, in cooperation with other areas and officials of CITEL, continue performing surveys on experiences and the progress made regarding Legislation, Jurisprudence, and projects on penal and civil crime typification, as well as on the coordination between companies and the Control Agency in the different countries.
3. To encourage Member suppliers and operators to establish long lasting cooperation processes on technologies and systems to fight against Fraud.
4. To promote cooperation and exchange of information and registries between operators related to modes of fraud and specific fraud cases for the exclusive use as proof of fraud.
5. To urge governments to foster legal and regulatory means to identify and make punishable these crimes in order to discourage potential offenders, additionally fostering recognition of the validity of operator registries as evidence of this sort of crime. Likewise, to urge that jurisprudence cases related to this problem be reported to CITEL, thus fostering concrete actions at the continental level to ensure that this type of crime will not remain unpunished.
6. To encourage Administrations, particularly Regulatory Entities, to grant freedom of action to operators, thus enabling swift and effective actions in order to prevent fraud, without overlooking the common responsibility of ensuring customer rights.
7. To propose to COM/CITEL the establishment of ties between CITEL and other Agencies and Institutions fighting against Fraud in other regions of the world, such as CFCA (Communications Fraud Control Association), the GSM Association and its Study Group on Fraud, FIINA (Forum For International Irregular Network Access), and ETNO (European Public Telecommunications Network Operators Association).

WORK PLAN FOR RESOLUTION127 (XV-01)

WORK PLAN TO IMPLEMENT RESOLUTION PCC.I/RES. 127 (XV-01)

ESTABLISHMENT OF A STANDARDIZED ANTIFRAUD SYSTEM IN CONVERGENT TELECOMMUNICATION SYSTEMS (FIXED-MOBILE-IP)

(Presented by the Rapporteur for Roaming, Fraud and Numbering in the Americas)

- 1) Request that the administrations identify or suggest an entity as a point of contact to advance the work of the Rapporteur for matters related to the struggle against fraud. For that, a period of 30 days will be established for the purpose of the administrations presenting such data to this Rapporteur.

- 2) Establish formal ties between the distinct points of contact of the countries of the Americas.
- 3) Create a database within the Electronic Roaming Forum of the CITELE to compile all documents and proposals designed to minimize telecommunications fraud. Such a database will constitute the link among the contacts of each country and this Rapporteur.
- 4) Create a reflector list composed of all the interested members of CITELE with the purpose of exchanging in real time information and commentaries about the struggle against fraud, etc.
- 5) Organize a seminar on "Revenue Assurance and Fraud Prevention" on the occasion of the XVI Meeting of the Permanent Consultative Committee I of the CITELE. For this event, the points of contact mentioned in point one will be requested to create a presentation tied to the problems of each country.
- 6) Carry out the task of a survey of experiences and the state of advances concerning legislation, jurisprudence, and projects of penal and civil classification related to the problem of telecommunications fraud.
- 7) From the results of the task of the survey and the conclusions of the seminar sited in point 4, the conclusions, recommendations and best practices tied to the technical and legal solutions for fraud prevention will be elevated to CITELE. CITELE will be asked to distribute expeditiously the mentioned conclusions and recommendations to the Member Administrations and Associate Members, to encourage National Administrations to consider legislative solutions so that these crimes are analyzed, studied, classified and punishable.
- 8) For the next meeting of CCPI, the Rapporteur will elevate to CITELE the detail of the organizations and institutions of other world regions specialized in the combated of Fraud with the purpose of establish a tie of official cooperation. Create a framework of cooperation between CITELE and the distinct entities.

PCC.I/RES. 128 (XV-01)²
EXCHANGE OF ELECTRONIC SERIAL NUMBERS OF MOBILE TERMINALS
DECLARED STOLEN/LOST

The XV meeting of the Permanent Consultative Committee I: Telecommunications Public Services,

CONSIDERING:

- a) That the index of stolen/lost mobile terminals has increased.
- b) That there has been detected a non-authorized market of stolen and lost mobile terminals within countries of the same region.

² PCC.I/doc.1371/01 Rev.3

- c) That due to the increase of this unauthorized market there has been an increase in the theft of mobile terminals belonging to cellular service subscribers in said countries and from the operators of those services.
- d) That the authorities, society and the mobile industry are concerned with the activation of these terminals in third countries.
- e) That the lack of a Data Base of invalid terminals and the exchange of information on Electronic Serial Numbers (ESN) facilitates the success of this unauthorized business.
- f) That this problem reduces the income of mobile operators and generates the distrust of clients when they are buying mobile terminals.

RECOGNIZING:

- a) That a Working Group against FRAUD, ROAMING AND FRAUD PREVENTION has been established within PCC.I.
- b) That this group is preparing recommendations to fight against fraud and prevent it.

RESOLVES:

1. To encourage the development of a Data Base of invalid Electronic Serial Numbers at National, Subregional and Regional levels, based up on the information which, in a coordinated form, is considered opportune and necessary.
2. To obtain recommendations from the Members of CITEL, in a period not grater that three months, of an Industrial Association or other entities to carry out the coordination of the management of the exchange.
 - 2.1 The functions of the coordinator will be to draft the rules that shall be taken into account for the exchange of information and the liabilities in the event of non-compliance, and this document must be submitted to the consideration of the operators involved.

ANNEX 1 TO THE RESOLUTION CCP.I/RES.128 (XV-01)

Work Plan for Resolution

“EXCHANGE OF ELECTRONIC SERIAL NUMBERS OF STOLEN/LOST EQUIPMENT BETWEEN BORDER COUNTRIES”

- 1) Establish the ties among mobile operators of each country of the Americas with the purpose of developing the bases for an interchange of Electronic Serial Numbers denied at the national level as the first step of implementation, and then at the subregional and regional level in subsequent phases.
- 2) Reveal the interest of an association or other entity interested in the coordination of the management of this exchange.

- 3) After having completed the task contained in point 2, this Rapporteur will suggest to the members of CITEL the entity that will assume responsibilities of coordination.
- 4) Urge the Coordinator of the Exchange Database to establish a procedure for the exchange of information related to the forms, formats, updating, and common responsibilities of the mobile operators of the nations of the Americas that participate in this initiative.

ANNEX 2 TO THE RESOLUTION 128 (XV-01)

INTERCHANGE OF ESN DATA STOLEN OR LOST BETWEEN BORDER COUNTRIES

1) Objective:

Prevent the activation of stolen/lost mobile terminals with the improvement of procedures and politics of ESN data exchange stolen and lost between border countries with efficiency and required promptness.

2) Priorities and Commitments:

Make the exchange of stolen and lost ESN data agile, efficient and prompt between border countries. The inopportunity in the exchange allows that the activation of same to take place and foster the theft of mobile terminals and the sale of spare parts and accessories for making money purposes.

- Restrict the exchange of information only to ESN reported as stolen and lost.
- Proceed with formalities, for inclusions in the list as for exclusions due to retrieval reports.
- Include or exclude the information received from the exchange of the blocking list of each operator immediately.

3) Risks:

- Inconsistencies or mistakes in reported data.
- Failures in the procedure of inclusion or exclusion.
- Access to data of non-authorized personnel.

4) Definition of Terms:

Stolen ESN: Mobile terminals that have been taken from cellular telephone users, to importers, distributors at points of sale, in the logistic processes and to cellular operators by theft, assault, deceit or an illegal way and that have been reported to customer service centers or different areas of commercial cellular operators, security,

fraud, etc. It is presumed that these mobile terminals are irrecoverable and thus may not be activated or released in any way unless police authorities make the retrieval and the respective devolution to the owner.

Lost ESN: Mobile terminals reported by cellular telephone users as lost and that usually do not know how or where they lost the telephone. These ESN can be activated once the respective release is made once the user has notified its retrieval.

ESN inclusion in the blocking list: it refers to the procedure or set of actions in every border country to avoid service activation of the ESN reported as stolen or lost.

ESN Exclusion from the blocking list: Procedures by which a cellular operator takes an ESN in the stolen or lost list out of circulation, because the owner announces its retrieval after having reported the telephone as stolen or lost.

5) Formats for the Information Exchange.

To achieve a standard a flat file, text without format, should be sent, the fields of which should be delimited by PIPE (|) characters containing registries for inclusion (Stolen and Lost ESNs), registries for exclusions (recovered ESNs).

The fields are:

HOME System ID

ESN Hexadecimal

ESN Decimal

Concept: S (stole), L (lost), E (exclusions)

Date (format MMDDYYYY)

Example:

31651/9c8a2b88/156090551 12/P/06292000

31685/9c8a2b88/1301 6050594/R/06292000

31651/9c5a2b88/156090551 12/E/06302000

The name of the file and its format to identify the source is:

RopesnX_M MD DYYYY. prn

Where:

Ropesn = same for all the countries.

X = 2(COLOMBIA)
3 (ECUADOR)
5 (VENEZUELA)
6 (PERU)

MM = month of the report
DD = day of the report
YYYY = Year of the report

Example:

Repesn6_09122000.prn

(belongs to PERU report file sent in September. 12/2000)

Administrations will evaluate the advisability of adding the city in which the event took place in the reports in order to prepare statistics.

6) Beginning of the reports:

It is established the day first (01) of January of 2002 the beginning of regular reports.

7) Control and auditing:

Representatives of fraud control of each administration will perform regular audits in ASOCEL on: checking in any day in relation with the time of emission, format, etc, and overlapping between what has been sent and what has been included in the blocking list. Likewise, every administration must perform a study of cities with largest volumes of reports originated by thefts.

8) Regularity:

The report will be prepared daily from Monday to Saturday. On Sundays and holidays it will be included in the report of the following working day.

The report must be sent before 9:00 am, including what has been reported to each administration the day(s) before.

Inclusion in the blocking list of each administration will be before 12 am of the day on which the report is received.

9) Delivery:

Each and every individual in charge of respective administrations will send the exchange files in the established format by internet to an e-mail box specifically created for that purpose by the others operators.

The addresses for delivery of e-mails will be respectively, example:

<u>Countries</u>	<u>Internet Address</u>
COLOMBIA	
VENEZUELA	
ECUADOR	
PERU	

10) Exceptions:

Cases in which ESN has been reported by mistake or have not been excluded for some reason and equipment holder insists on activation by some operator arguing that the equipment should not have been reported.

In these cases, the sender of the email will request the administration where the report originated to confirm if the registration is correct and if it must continue blocked or not

PCC.I/RES. 129 (XV-01)³
WORKING METHOD FOR COLLABORATION BETWEEN PCC.I AND PCC.III ON
THE DEVELOPMENT OF COORDINATED STANDARDS DOCUMENTS FOR
WIRELESS SYSTEMS AND SERVICES

The XV Meeting of Permanent Consultative Committee I: Public Telecommunications Services,

CONSIDERING:

- a) The increasing speed of technological innovation and telecommunications development.
- b) That CITEL Member States benefit from the timely availability of information about the new advancements in wireless communications and standardization.
- c) That CITEL PCC.I Working Group on Standards Coordination (WGSC) members are actively involved in mobile communications standardization bodies at the national, regional and global, including ITU, levels and have the competence to advise CITEL on matters under consideration in those bodies.

RECOGNIZING:

- a) That the Working Methods for the WGSC, adopted in CITEL PCC.I/Res.28 (V-96) provides for coordination with other PCCs in the context of “joint coordination projects” for the purpose of developing Coordinated Standards Documents (CSDs).

^{3 3} PCC.I/doc.1416/01 Rev.1

- b) That CITELE PCC.III/Res.33 (IV-96) and PCC.III/Res.37(V-96) call for coordination between PCC.I and PCC.III on standards coordination for wireless networks.
- c) That since the passage of those resolutions, CITELE has established an Electronic Forum to facilitate the use of efficient working methods for the development of CITELE documents in a timely manner.
- d) That PCC.I and PCC.III delegates can be given equal access to the electronic forum for the purpose of document development.

FURTHER RECOGNIZING:

That without the use of electronic mechanisms and efficient working methods, CITELE will not be able to serve the needs of its Member States and Associate Members.

RESOLVES:

That the following working method be adopted for the coordination of work between PCC.I and PCC.III on the development of CSD, particularly in the area of wireless communications:

- a. Each PCC shall identify those projects for which coordination with other PCCs is necessary.
- b. That a project schedule shall be developed for any project for which coordination with other PCCs is undertaken.
- c. That only the initiating PCC will be responsible for approving, revising, extending or terminating a project or project schedule that it initiates.
- d. That a separate Forum on the CITELE Electronic Forum shall be established for any project requiring coordination between PCCs.
- e. That all members of the involved PCCs shall be informed via electronic mail of the initiation of a coordinated project and the establishment of the Forum to which they may become a member.
- f. That either PCC may receive contributions related to a coordinated project in which it is involved.
- g. That all coordinated project documents developed either during or in between PCC meetings shall be posted on the electronic forum.
- h. That a message will be sent to all members of the Forum at least 45 days prior to a meeting at which the coordinated project will be submitted for approval.
- i. That the "Final Draft" project document that is pending approval will be posted to the electronic forum at least 30 days prior to the meeting at which the document will be considered for approval.

INSTRUCTS THE SECRETARIAT OF CITEL:

1. To submit this resolution to the next meeting of COM/CITEL for their consideration as a general methodology for coordination of work between multiple PCCs on other similar matters.
2. To inform PCC.III of the adopting of this resolution by PCC.I

PCC.I/RES. 130 (XV-01)⁴
INITIATION OF THE “INTEROPERABILITY OF 3G NETWORKS IN THE AMERICAS” PROJECT IN THE WORKING GROUP ON STANDARDS COORDINATION

The XV Meeting of Permanent Consultative Committee I: Public Telecommunication Services,

CONSIDERING:

- a) The high level of investments that have been made in the deployment of wireless communications networks in the Americas.
- b) The value that the new 3G services will offer to enhancing economic and the quality of life in the region.
- c) The desirability of maintaining pace in telecommunications development in the Americas with other regions of the world.

RECOGNIZING:

- a) That CITEL Member States and Associate Members have an interest in maintaining constant awareness of 3G development, deployment in other countries and standardization at the national, regional and international levels, including at the ITU.
- b) That CITEL Member States have an interest in supporting the on-going viability of the telecommunications sector and in the cost effective introduction of 3G networks in the Americas.

FURTHER RECOGNIZING:

The importance of collaboration with PCC.III on these matters and in this project.

RESOLVES:

1. To initiate a project in the Working Group on Standards Coordination (WGSC) to address the interoperability among 3G wireless networks with each other and with the existing wireless and wireline networks in the Americas.

2. To use the proposal presented in the Annex of this Resolution as the basis for this project.
3. To seek contributions from CITEL Member States and Associate Members in the details of the study to be carried out by the PCC.I WGSC.
4. To name Oscar Avellaneda as the coordinator of this project.
5. To use the working method established in PCC.I/RES. 129(XV-01) for carrying out coordination with PCC.III on this project.

INSTRUCTS THE EXECUTIVE SECRETARY:

1. To establish a forum for the “Interoperability Among 3G Networks” in the CITEL Electronic Forum.
2. To inform the members of PCC.I and PCC.III of this project and the establishment of this forum via email, in accordance with PCC.I/RES.129(XV-01).
3. To submit this resolution to the next meeting of PCC.III for their information and to invite their participation in this project.

PCC.I/RES. 131 (XV-01)⁵
UPDATE OF BOOK "UNIVERSAL SERVICE IN THE AMERICAS"

The XV Meeting of Permanent Consultative Committee I: Public Telecommunications Services,

WHEREAS:

- a) At the XI meeting of PCC.I documents PCC.1/doc.871/99 and PCC.1/doc. 872/99 were approved by Resolution PCC.I/RES.76 (XI-99) which comprise the book "Universal Service in the Americas".
- b) This book was finalized and distributed to its members in February 2000.

CONSIDERING:

- a) That the XII Meeting of PCC.I resolved through PCC.I/RES. 88 (XII-00) to keep the Book updated, requesting that the administrations provide to the CITEL Executive Secretary the changes that were made to its regulations on Universal Service/Access,
- b) That the rapid rate with which regulations and legislation change in the countries of the Americas due to the deregulation of same,
- c) That therefore, it is necessary to continue updating the BOOK as a reference for all of the parties involved in the sector pertaining to Universal Service/Access,

⁵ PCC.I/doc.1336/01 Rev.1

- d) That in the information age, new digital technologies allow for more rapid and economical access to data.

RESOLVES:

1. To request that the administrations provide to the CITEL Executive Secretariat the changes that have arisen regarding regulations and legislation on Universal Service/Access.
2. To assess how current the BOOK is at the XVI Meeting of the PCC.I.
3. To authorize the necessary expenses for the realization of the entrusted update.

ENTRUSTS:

1. The CITEL Executive Secretary with making the necessary arrangements for the book to continue being available electronically on the CITEL Website.
2. The CITEL Executive Secretary with notifying the different administrations of the region to update the necessary information and the Book based on that indicated.
3. The Executive Secretary with submitting a report to the XVI Meeting of PCC.I in order to conduct the assessment provided for in number 2 of Resolves.

PCC.I/RES. 132 (XV-01)⁶
“TELEEDUCATION IN THE AMERICAS”

The XV Meeting of Permanent Consultative Committee I: Public Telecommunications Services,

WHEREAS:

- a) The Summit of the Presidents of the Americas instructed the OAS to develop and strengthen cooperation in areas such as distance education..
- b) Through Resolution PCC.I/ Res. 96 (XIII-00), PCC.I decided to draft the book "Teleeducation in the Americas," which determines among other matters, policies and strategies for regional development.
- c) The ITU/BDT: was invited to participate with CITEL in drafting the book "Teleeducation in the Americas."
- d) The XII Meeting of PCC.I determined that this project involved other pertinent areas of the OAS such as the Inter-American Agency for Cooperation and Development (IACD).

⁶ PCC.I/doc.1338/01 Rev.1

CONSIDERING:

- a) That COM/CITEL through decision COM/CITEL DEC.23 (IX-00) endorsed this project. Due to its importance, the COM/CITEL requested that the PCC.I Chairman authorize the expenses.
- b) That the Terms of Reference of the Teleeducation book were approved at the XIV Meeting of PCC. I (03-01).
- c) That the ITU worked jointly with the Working Group on Basic Telecommunication Services and the CITEL Teleeducation Rapporteur's Office in drafting the Book "Teleeducation in the Americas" through the designated experts.
- d) That IACD collaborated in drafting the Book, and committed to collaboration in printing of same, through the Central Publishing Section of this Agency,
- e) That the paper version of the Book has more than three hundred pages.

RESOLVES:

- 1. To adopt documents PCC.1 Inf.1341 (XV-01) and PCC.1 Inf.1339 (XV-01) which comprise the Book "Teleeducation in the Americas" in its digital and print versions respectively.
- 2. To send this Resolution to COM/CITEL requesting that it be attached to same.
- 3. To invite the PCC.I Chairman, the Working Group Chairman on Basic and Universal Telecommunication Services and the Teleeducation Rapporteur to write a Prologue to the Book.
- 4. To invite the ITU/BDT to participate in the Book prologue.
- 5. To make an Abstract of the Doc. for the paper edition of the Book with no more than 150 pages.
- 6. To make a Print/Recording of the book in its paper and digital versions in Spanish and English.
- 7. To submit the first edition of the Book "Teleeducation in the Americas" at the next CITEL Assembly.
- 8. To present the Book to the office of the Summit of the Americas.

ENTRUSTS:

The Executive Secretary of CITEL:

- 1. To make the invitations mentioned in Resolves 3 and 4, incorporating into the Book the prologues indicated.
- 2. To prepare the corresponding translations for publication of the Book in Spanish and English.

3. To implement to be presented in the next COM/CITEL meeting what was pointed out in the Resolves 5 and in the Entrusts 2.
4. To carry out the necessary coordination with IACD for the implementation of Resolves 6.
5. To carry out indications under Resolves 8.

PCC.I/RES.133 (XV-01)⁷
BOOK “TELEMEDICINE IN THE AMERICAS”

The XV Meeting of Permanent Consultative Committee I: Public Telecommunication Services,

WHEREAS:

- a) The Working Group on Basic and Universal Telecommunication Services created the Rapporteur Office on Telemedicine at the VIII PCC I Meeting.
- b) That in the mentioned meeting the functions of the Rapporteur Office were itemized.

CONSIDERING:

- a) That there is an existing need, identified in the Action Plan of the World Conference on Telecommunication Development, Valetta - 1998, of distributing information and quantitative analyses pertaining actual experiences in telemedicine.
- b) That the advances in telecommunications technology and its applications in the field of medicine are combined to create a potential tool for the benefit of every nation in the Americas;
- c) That in the Second Summit of the Presidents of the Americas emphasis was made on the fact that the “countries must point out existing and emerging issues through greater use of communication technology and health monitoring”, and that the Summit of the Presidents recently held in Quebec, Canada also gave special importance to Telemedicine.
- d) That the Summit also highlighted that “There are no doubts that the fast development of information technology will revolutionize our approach to health. Association in the telecommunication area will generate networks that will allow exchange of information between countries and the use of telemedicine to increase access to certain services”.

AKNOWLEDGES:

- a) That there is a need to produce and make available to the general public a guide including an inventory of available hardware and software for telemedicine applications and disclose the existing projects of this kind in the region,

⁷ PCC.I/doc.1340/01 Rev.1

- b) That the Working Group on Telecommunication Basic and Universal Services has organized Seminars on Telemedicine and has requested the Administrative offices to provide available information on the subject,
- c) That it would be useful for CITELE member countries to have a book summarizing experiences and information in order to establish strategies and policies for the development of telemedicine systems and the incorporation of new applications of information technology as well as communication technology in the field of medicine.

RESOLVES:

1. Prepare the Book “Telemedicine in the Americas”,
2. Assign to the Working Group on Telecommunication Basic and Universal Services the promotion of the compilation of information, the drafting and editing of the documents under the coordination of the Group’s Presidency and the contribution of the Telemedicine Rapporteur Office.
3. Urge CITELE member countries to cooperate with the necessary collection of information.
4. Invite ITU/BDT to participate jointly with CITELE in the preparation of the Book,
5. Establish contacts with health-related public and private organizations that are able to provide technical and/or financial aid and invite them to cooperate in the drafting and editing of the Book.
6. Authorize the same amount of expenses as that used to put together the book “Universal Service in The Americas”,

INSTRUCTS:

1. The Executive Secretary of CITELE jointly with the President of the Working Group on Telecommunication Basic and Universal Services to make the contacts mentioned in the 5th point of the Resolves.
2. The Executive Secretary of CITELE to make formal invitations established in 4th and 5th points of the Resolves.
3. The Executive Secretary to send this Resolution to the COM/CITELE requesting its adhesion to this project.

PCC.I/RES.134 (XV-01)⁸
APPROVAL OF A DRAFT INTERAMERICAN PROPOSAL FOR THE
ESTABLISHMENT OF TELECOMMUNICATIONS DEVELOPMENT PLANS FOR
INDIGENOUS PEOPLES

The XV Meeting of the Permanent Consultative Committee I: Public Telecommunication Services,

CONSIDERING:

- a) That in Resolution 110 adopted during the XIV CCP.I Meeting, it was agreed to create an ad hoc group to prepare the contributions of PCC.I as part of the COM/CITEL preparations for WTDC 2002.
- b) That in said Resolution it was decided to take into account COM/CITEL Resolution 103 in relation to guidelines for the preparation of proposals for WTDC 2002.
- c) That in Resolution 103 the preliminary list of priority issues was made, of which one of the most important is the preparation of rural and low income urban areas telecommunication development plans.
- d) That the indigenous population in most CITEL member countries belongs, to a high degree, to rural populations and low-income urban areas.
- e) That special guidelines must be taking into account due to the social and cultural characteristics of indigenous peoples. These guidelines must take into account indigenous people's culture and their right to participate in programs concerning their development.
- f) That Article 7 of Agreement 169 of the International Labor Organization (ILO) describes the rights of indigenous peoples to decide their own priorities regarding their process of development and to control, as much as possible, their own economic, social, and cultural development, as well as to participate in the formulation, application, and evaluation of development policies concerning them.
- g) That in the Declaration Connecting the Americas, signatory countries commit themselves to promote the access to global knowledge and full integration of the society of knowledge particularly among rural and other vulnerable groups.
- h) That based on the recognition that respect for linguistic and cultural diversity contributes to social and economic dynamism, the Agenda of Connectivity for the Americas makes it clear that there is a commitment to use the tools of the new economy to permit all individuals to participate in the inter-cultural dialogue for the promotion and protection of their cultures.
- i) That based on the recognition that respect for linguistic and cultural diversity contributes to social and economic dynamism, the Agenda of Connectivity for the Americas makes it clear that there is a commitment to use the tools of the new economy to permit all

⁸ PCC.I/doc.1426/01 Rev.2

individuals to participate in the inter-cultural dialogue for the promotion and protection of their cultures.

- j) That in this regards, since telecommunications is a substantial element for the development of these peoples, it is necessary that plans for the telecommunications development of indigenous communities properly fulfill their objectives in an adequate framework taking into account the specific needs and rights of this population

ACKNOWLEDGES:

- a) In this sense, the Plan of Action of the Americas established the commitment to reduce the digital divide between the national average population and indigenous peoples and communities through relevant connectivity projects providing services in the fields of economic, political, and social development.
- b) It is important to stress that development cannot become a reality without attending to the demands of those for whom this development is being planned. This population may not have the necessary technological knowledge to set technical guidelines for the rendering of services, but they do have a much broader knowledge than any industry or service provider of the needs that these services must satisfy and the way they should be offered.
- c) It is important to recognize the needs that must be taken into account as determinants in order to reach a harmonious development permitting the improvement of the life standards of indigenous peoples and the development of their culture. This has been appropriately pointed out in the strategy for the Development of the Sector of the Valetta Plan and Item 16 of the Plan of Action of the Americas.
- d) That indigenous communities have their own vision of the cosmos and culture as recognized by the Plan of Action of the Americas in item 1.6, which is different from that which is proposed by western culture. In this sense this proposal is crucial, since it allows the generation of policies that encourage harmonious development for the entire community via telecommunications within a framework of respect for the identity of all peoples. These peoples, has the right, as all peoples have, to participate in the decisions inherent to their development.

RESOLVES:

1. To approve the Annex as an CITEL Interamerican draft proposal
2. To send the present resolution to the V Working Group Meeting for the preparation of CITEL for the World Telecommunications Development Conference 2002 to be held on 15 October 2001 in Trinidad and Tobago.

INSTRUCTS:

The Executive Secretariat of CITEL to take the necessary steps for compliance with Resolves 2 of this resolution.

ANNEX

DRAFT INTERAMERICAN PROPOSAL ON ASPECTS TO BE MET IN A TELECOMMUNICATIONS DEVELOPMENT PLAN FOR INDIGENOUS PEOPLES

I. Technology

Indigenous communities are often located in remote areas far from large cities, with limited access to electricity and telephone services.

Development plans must therefore consider providing the communities with environmentally sound alternative sources of energy, which may entail a large initial investment but will be profitable in the long run.

Attention should be paid to the means of communication being used by the communities themselves so that improvements may be made on the basis of an infrastructure they are familiar with and can operate.

Likewise, low-maintenance technology must be sought, which to the extent possible must be provided by the community itself, as indicated below.

Consideration should be given to the existing infrastructure of health organizations and community centers used by the indigenous population, which might also become telecommunications centers.

The current infrastructure and the possibility of establishing links to consolidate most of the population in these zones will make it possible to open up new development areas that facilitate earning power and encourage investment in the application of new technologies.

These considerations would cover two major objectives established in the Plan of Action of the Americas: modernization and expansion of the telecommunications infrastructure in rural zones and recognition of the contribution of cosmovision to sustainable development.

II. Training:

Access to the media is not sufficient for true development, it is necessary to know them and know how to handle them, allowing all the creativity of the communities to focus on media innovation and their utilization.

The Valetta plan itself has underscored the importance of human resources as one of the five most transcendental main areas in the development of telecommunications, and the Plan of Action of the Americas gives special attention to the development of educational policies aiming at connectivity.

At the level of indigenous peoples this aspect is even more important since this sector of society has been marginalized from the development of telecommunications. Therefore, an adequate plan must not overlook the opportunity to eliminate this burden suffered since for a long time by indigenous peoples.

In this sense, it is important to underscore that training be provided to inhabitants in the very communities where access to services is incorporated since it would be useless to import or train technicians from other locations as this would generate an undesirable dependence.

Plans prepared must envisage the way in which a training must take place that leaves provision of services in the hands of the communities themselves so as to not fall into the paradox of marginalized but communicated communities

Manuals must be drafted in native dialects and indigenous training groups must be created to facilitate the learning processes of the communities themselves. These groups may establish themselves via certain secondary education institutions, near rural communities.

In addition to staff training for the maintenance and administration of the centers, users must be trained on the use of the new media that has been placed within their reach allowing for the generation of content by the indigenous people themselves

This training may be implemented via training to indigenous teachers in rural communities or to volunteers working in educational tasks with them, who have the advantage of living in the community itself and being already trained as teachers.

For greater effectiveness of these programs, the Government could include programs within their education plans for these communities on the adequate use of these media and their applications.

Conventions with universities, industry and service providers are a good option to carry them out.

A community center in which indigenous people are the sole users is of no use. To the extent possible, the media must be managed and utilized by them in such a way as to open greater possibilities for their development.

III. Development of contents

For indigenous communities, communication media must be the opportunity to disseminate their culture and strengthen links between migrants, share experiences with other groups and teach their customs and roots to those born outside of their community. Therefore, the main objective of telecommunications should be that indigenous peoples find content of interest to them or in their own dialects and also have the possibility of creating their own content.

The first part to carry this out pertains to governments; since bringing together the population via the construction of portals is considered to be a main task of governments. However, when one part of the population speaks another dialect it is marginalized even if though it has telecommunications centers enabling access to these sites.

Consequently, it is important to offer content in some of the dialects with the greatest number of speakers in the country. It must also be considered that in some States indigenous groups are diverse as are their dialects and it is extremely difficult to have content for each of them. However, it is possible to place indices in the main dialects and

e-mail, telephone or any other form of online assistance, which they can access to obtain the desired information in their own dialect.

The generation of content represents the simplest step to take in development plans since most times they do not require an extremely high initial budget, provided it is possible to occupy existing infrastructure to put them in place, such as: radio stations, television, Internet portals, etc. while the contents may be provided by existing organizations or workshops coordinated by the educational centers so as to only carry out edition and data entry.

Secondary and university education may play an active role in the development of these programs allowing practice of acquired knowledge as well as training and the creation of workshops to generate this development..

Industry and government should allow utilization of spaces in which said contents may be placed without prejudice to the generation of infrastructure allowing exclusive space for indigenous peoples.

Currently there are projects by means of which indigenous peoples have been taught to handle video cameras and edit their own programs. Likewise, development plans to be implemented must contain training for these peoples so that they may design their own contents as well as provide spaces for their placement.

The above principles agree with the commitments made regarding communication media established in the Plan of Action for the Americas by enabling the presentation of plural non-discriminatory images, as well as the commitments of promoting cultural and linguistic diversity in education and training programs.

IV. Administration of services:

Administration of communication centers located in indigenous communities must be a shared responsibility, which the targeted population must assume.

The social community structure practiced by different indigenous groups allows the establishment of honorary charges that may arise from the administration of centers with vigilance guaranteed by the community itself

The creation of community centers must envisage their administration, participation of the indigenous peoples themselves by means of appointments according to their customs.

It is obvious that in many cases total administration of services may not be granted to the communities themselves. However, it must take place gradually via training of the members appointed by the community and vigilance on their part from the beginning

In this way communication centers will take on the characteristics of each community according to the needs of its members and will develop in terms of projects adjusted to their specific needs.

In this regard, it is important to underline that there needs to be joint participation in all environments of the organization of these projects between industry, indigenous

communities, the regulating entity, as well as state and municipal entities facilitating the application and guaranteeing their results.

V. Industry:

It is important to point out the region's commitment to promote cooperation between the civil society and companies from the private sector within the agreements that were achieved at the III Summit of the Americas.

Only through the cooperation of industry and service providers will the previously mentioned projects and plans development achieve their objectives.

For this reason, industry participation will have to promote participation through treaties and tax incentives to make it attractive, this will not be in detriment of the responsibilities with regards to technological development that were established for the different peoples within the telecommunications environment.

It is important to point out that the commitment in regards to connectivity goes beyond the profitable areas of the country, industry participation cannot be focused only on these cases, telecommunications are a public service that the State has allowed individuals to use and therefore it is of special interest to guarantee the rendering of services to all inhabitants. This interest is not only the State's responsibility but also the responsibility of industries as well as the responsibility of the service providers

For that reason, they will have to create attractive participation mechanisms, without being harmful to the private sector, so that they will allow the sharing of benefits, which will be reflected in the long term in industries' different sectors.

VI. Tele applications

Tele-applications can be as broad as the imagination itself and community needs, while it is true that tele-education and tele-medicine should be emphasized, there are other areas that are very important, such as the creation of Internet industries, all these are included in a chapter of the America's Telecommunications Action Plan

The communities' training and the education in telecommunications handling of its members while they are in school, will allow the creation of applications that fulfill the need of indigenous towns and others whose aspirations are fulfilled.

A good example is e-mail as a tool that are being used to promote the elimination of the middlemen, that could act as an alternative to sell products and crafts, or the connectivity of the people that migrate in regards to the projects of their communities.

VII. Regulatory framework (regulatory entity's function, concessions and counter rendering regimen

Regulatory entity:

The regulatory entity may are encourage have to promote its autonomy and its jurisdiction on all telecommunications, from concessions granting to the administration of income based on these concepts, and such as it appears on America's Action Plan

The entity may encourage develop specific coordination's groups in regards to telecommunications development; they should be a part of a council where the indigenous people themselves participate, that way the drafting of the plans and the follow up of the same, should contribute directly with the interested party, since up to now the industry and the services providers are the only ones that participate in these councils.

Though these groups' participation and the aspects that concern them, the acquired commitments by the Action Plan of the Americas is fulfilled on the subject of the importance to draft guidelines that are geared towards the protection of the user's interest, taking into account those communities that are underdeveloped, in addition to what was established on Article 7 of Agreement 169 of the OIT about the Indigenous towns and Tribal towns.

CONSESIONS AND COUNTER RENDERING:

The rendering of telecommunications services in some countries is the results of a regimen of concessions granted by the State that allows an individual perform an activity that is reserved, as a rule of thumb it is also profitable and it is not likely that a person will request a concession for a region that is not profitable, this situation has created difficulties to regions that do not guarantee profitability.

As we mentioned earlier the regimen of concessions implies the rendering of a public service, its interest is essential to the population, for that reason the licensee and grantor of licenses do not only have to participate in the rights that are profitable for them, but also in the development of obligations that they assume along with the rendering of the service

In effect, the market is incapable of regulating all of the aspects, while the tendency towards self-regulation is convenient in some cases; others exist that require the intervention of the state for better development distribution and the detection of new practices for the consumer.

In this regard, many aspects exist that the regulation could anticipate in creating the points that were mentioned in the areas of technology, training, content development and the administration of services.

The regulation may encourage establish special conditions for other aspects in the concession titles as well as in the applicable legislation. A chapter related to telecommunications development and the rights of indigenous peoples in regards to aspects mentioned in the previous paragraph should also be considered for inclusion in the applicable legislation.

In the concessions area, fiscal participation mechanisms is encouraged established for which trusts may be established to be used for telecommunications development in rural and marginalized areas, as well as the participation of indigenous communities in the areas that relate to them.

PCC.I/RES.135 (XV-01)⁹
AGENDA, VENUE AND DATE OF THE XVI MEETING OF PCC.I

The XV Meeting of Permanent Consultative Committee I, Public Telecommunication Services,

RESOLVES:

1. To hold the XVI Meeting of the Permanent Consultative Committee I: Public Telecommunication Services, from ___ to __, 2002 in _____, Uruguay.
2. To adopt the Draft Agenda for the XVI Meeting of PCC.I in the annex attached to this resolution.

ANNEX:

Draft Agenda of the XVI 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 XV Meeting
4. Report of the activities of the Working and Ad Hoc Groups during the XVI Meeting
 - 4a. Working Group on Standards Coordination
 - 4b. Working Group on Certification Processes and Mutual Recognition Agreements
 - 4c. Working Group on Basic and Universal Services
 - 4d. Working Group on the Promotion of the Global Information Infrastructure
 - 4e. Ad Hoc Group to study and define an approach to telecommunications services that use IP technology.
 - 4f. Working Group on Economic and Tariff Principles from the Telecommunications sector of the Americas
5. Approval of the Final Report
6. Agenda, venue and date for the XVII Meeting of PCC.I
7. Other Business

⁹ PCC.I/doc.1429/01

PCC.I/RES. 136 (XV-01)¹⁰
CONSIDERATION OF THE E-HUICHOL PILOT PROJECT DEVELOPED IN
MÉXICO FOR THE UPDATING OF THE BOOK ON UNIVERSAL SERVICE

The XV Meeting of the Permanent Consultative Committee I: Public Telecommunication Services,

CONSIDERING:

- a) That through Resolution PCC.I/RES 45 (VIII-98) the Committee approved the elaboration of a book on Universal Service in the Americas to be jointly developed between CITEL and the Telecommunications Development Office of the International Telecommunications Union (TDO/ITU)
- b) That the reference terms established for the elaboration of the Book incorporate, in item 3 relative to “Universal Service in the Americas,” a sub-title for the study of those who benefit from the Universal Service such as: low income groups, isolated communities, special groups such as those of handicapped people, retirees, schools, libraries, hospitals, etc.
- c) That through Resolution PCC.I/RES 76 (XI-99) the committee approved the text of the book entitled “Universal Service in the Americas,” which has already been published and distributed.
- d) That through Resolution PCC.I/RES 88 (XII-00) the committee decided to update the Book on Universal Service in the Americas considering that this book should be used as a reference by regulatory entities in the elaboration of policies relative to the Service/Universal Access.
- e) The e-Huichol pilot case that is being developed in Mexico could be of great service to the administrations for the elaboration of policies relative to Universal Service, directed at indigenous peoples and communities.

RESOLVES:

To consider the e-Huichol pilot case described in document PCC.I/doc. 1377/01 for the updating of the Book on Universal Service in the Americas, a job given to the Work Group on Basic and Universal Services of Telecommunications of the PCC.I.

¹⁰ PCC.I/doc.1433/01 Corr.1

PCC.I/RES. 137 (XV-01)¹¹
**RECOMMENDATION TO CITEL'S ADMINISTRATIONS ON THE ADOPTION OF
THE DOCUMENT TELECOMMUNICATIONS DEVELOPMENT PLANS FOR
INDIGENOUS COMMUNITIES**

The XV Meeting of Permanent Consultative Committee I: Public Telecommunication Services,

CONSIDERING:

- a) That the PCC.I - through the Work Group of Telecommunications Basic and Universal Services - has the responsibility to promote the installation and expansion of the capability and coverage of public telecommunication services in order to give the people from Region countries the access facilities to such services.
- b) That likewise, the Group Work of Telecommunications Basic and Universal Services has the responsibility to promote the infrastructure facilities and capabilities regarding basic and universal services in CITEL countries.
- c) That the previous considerations are established in the reference terms of the mentioned Work Group.
- d) That in the Declaration Connecting the Americas, signatory countries commit themselves to promote the access to global knowledge and full integration of the society of knowledge particularly among rural and other vulnerable groups.
- e) That based on the recognition that respect for linguistic and cultural diversity contributes to social and economic dynamism, the Agenda of Connectivity for the Americas makes it clear that there is a commitment to use the tools of the new economy to permit all individuals to participate in the inter-cultural dialogue for the promotion and protection of their cultures.
- f) That in the Plan of Action of the Americas, signatory members establish their commitment to reduce the digital divide between the average citizen and indigenous communities through relevant connectivity projects providing services in all fields of development.
- g) That in this regards, since telecommunications is a substantial element for the development of these peoples, it is necessary that plans for the telecommunications development of indigenous communities properly fulfill their objectives in an adequate framework taking into account the specific needs and rights of this population.
- h) That aspects to fulfill the telecommunications development plans for indigenous communities are raised in document PCC.I/doc.1388/01 that include the needs and rights stated by this population.

¹¹ PCC.I/doc.1434/01 cor.1

RESOLVES:

To recommend the adoption of aspects to CITELE's administration pointed out in document CCP.I/doc 1388/01 "Development Plan for Indigenous Communities" in their telecommunications development plans addressed to indigenous communities and villages.

INSTRUCTS:

To the Executive Secretary of CITELE to distribute the present resolution as well as document CCP.I/doc.1388/01 among CITELE member countries.

**PCC.I/RES.138 (XV-01)
NUMBER NOT USED**

**PCC.I/RES.139 (XV-01)¹²
TELECENTER DEVELOPMENT ACTIVITIES IN THE AMERICAS**

The XV meeting of the Permanent Consultative Committee I: Public Telecommunication Services,

CONSIDERING:

- a) There is a recognized need to expand access to and use of the Global Information Infrastructure, an interconnected network of global, regional, national, and local networks, in all countries of the Americas.
- b) A well-developed and widespread information infrastructure offers citizens with access to a broad array of information and communications services and provides them the unlimited opportunity to create local content of social, economic, educational and cultural interest to their community.
- c) As more local content is developed, the demand by local users for improved access to high quality information and communication networks will encourage the expansion of the global information infrastructure to more and more segments of society.
- d) Currently, there exists a critical need to encourage the build-out of telecommunications and information networks to rural, low-income, and disadvantaged urban areas to broaden the benefits of the Information Society to all members of our societies.
- e) Telecenters (sometimes referred to as Community Access Centers or Community Technology Centers), by expanding access to information and communication technologies to disadvantaged citizens and communities, can be a cost-effective and efficient way to broaden the benefits of the Global Information Infrastructure to rural, low-income, and disadvantaged urban citizens and to meet the region's universal service goals.

¹² PCC.I/doc.1412/01 rev.1

- f) Telecenters, when designed to meet local needs, offer new opportunities for community economic development, for distance education, for remote access to health care, for electronic government services, and for other potential benefits that arise from improved communications capabilities.

RECOGNIZING:

- a) The International Telecommunications Union has been a leader in the promotion of telecenters as a means of promoting digital opportunities and reducing the divide that exists between segments of society with access to communications networks and those that do not have such access.
- b) Document CCP.I/doc.1001/00 submitted by the delegation of Venezuela during the XII meeting of PCC.I finds that telecenters act as an “embryo for the implementation of a National Information Infrastructure” and also finds that telecenters offer an attractive “laboratory” for telecommunications companies “for measuring the impact of new technologies and service schemes in rural and low-income urban areas.”
- c) Document CCP.I/doc.1331/01 submitted by the GII Applications Rapporteur during the XV meeting of PCC.I demonstrates that there are already a variety of efforts underway to establish telecenters in the Americas and that additional information about these activities would benefit CITEL Member States and Associate Members interested in pursuing the benefits offered by the establishment of telecenters.
- d) Several member states submitted documents during the XV Meeting of PCC.I that address
and enhance the information contained in document CCP.I/doc.1331/01.

RESOLVES:

1. To seek input, using the questionnaire included in the Annex, from Member States and Associate Members regarding their involvement in telecenter activity in the Americas.
2. To encourage the development of telecenters by gathering and disseminating, on an ongoing basis, information received regarding telecenter activity in the Americas.

ANNEX

**QUESTIONNAIRE SEEKING INFORMATION REGARDING
TELECENTER DEVELOPMENT ACTIVITIES IN THE AMERICAS**

In considering the Report of the Applications Rapporteur (PCC.I/doc.1331/01) submitted during the XV meeting of PCC.I, CITEL Member States and Associate Members resolved that it will be valuable to seek additional information regarding the ongoing or planned efforts to establish and operate telecenters in the Americas region. PCC.I/doc.1331/01 reports the following broad definition of a telecenter:

A location which facilitates and encourages the provision of a wide variety of public and private information-based goods and services, and which supports local economic or social development.

PCC.I/doc.1331/01 also describes four categories of telecenters that are useful for analyzing a telecenter's activities, funding, and management: 1) Basic Telecenter, 2) Telecenter Franchise, 3) Civic Telecenter, and 4) Multipurpose Community Telecenter. Many telecenters can not be defined by one category alone, but may represent a blending of two or more categories.

Member States and Associate Members are asked to submit "Project Profiles" regarding telecenter activities in which they are involved. This information will be used to clarify, correct, or supplement the Project Profiles found in PCC.I/doc.1331/01. Respondents are asked to submit according to the format below their information to the Applications Rapporteur directly or to submit the information as a document to the next PCC.I meeting.

Contact Information:

Judy Kilpatrick
jkilpatrick@ntia.doc.gov
National Telecommunications and Information Administration
U.S. Department of Commerce
1401 Constitution Avenue, NW, Room 1401
Washington, D.C. 20230

Respondents are also asked to use the following format in their replies:

Project Profile Format

<p>Country</p> <p>Name of Project or Project Organizer</p> <p><i>Telecenter Category:</i> (Basic, Franchise, Civic, or Multipurpose)</p> <p><i>Government Involvement:</i> (Is the project a private sector effort or one that was initiated by the Government. If private sector, were there any governmental actions or efforts that supported the project?)</p> <p><i>Funding Sources:</i> (How is the project funded, by government funds, user fees, NGO support? Are there plans for the project to be self-sustaining in the future?)</p> <p><i>Services Offered:</i> (What communications and information technology services are available? Is training available? Are applications such as telemedicine or tele-education provided?)</p> <p><i>Additional Information:</i> (How many centres are in operation or are planned? Are there measurements of the success of the center, such as number of citizens served, quantifiable benefits to the community, or anecdotal evidence of economic or social development? What are future prospects for the project?)</p> <p><i>Website:</i> (Is there a website where CITELE members can obtain additional information about the project?)</p>

PCC.I/RES. 140 (XV-01)¹³
**CONSULTATION ON THE VISION OF CITEL MEMBER STATES IN RELATION TO
ITU WORLD SUMMIT ON THE SOCIETY OF INFORMATION**

The XV meeting of the Permanent Consultative Committee I: Telecommunications Public Services,

IN VIEW:

- a) During the ITU Plenipotentiaries Conference (Minneapolis, 1998) **Resolution 73** was adopted requesting that the realization of the World Summit on the Society of Information.
- b) The realization of this summit by ITU is due to:
 - The Union has to carry out its mission in an environment in which telecommunications adopt a driving and decisive role at the political, social, economic and cultural levels.
 - ITU is the most suitable organization to seek the best ways to develop the telecommunications sector aiming at economic, social and cultural progress.
 - Globalization of telecommunications should foster harmonious evolution of policies and regulations, as well as of networks and services.
 - Appearance of the concept of the society of information, in which telecommunications play a central role.

GIVEN THAT:

The realization of the World Summit on the Society of Information will enable:

- a) Definition of an approach and a vision in common of the society of information and drafting of a strategic action plan for the coordinated evolution toward the realization of this approach.
- b) That the United Nations, in general, and ITU in particular, adopts an active role in the “Society of Information”, as a means to enhance the importance of the role to be played by these Organizations in the next millennium..

TAKING INTO ACCOUNT THAT:

The Summit is divided into (2) stages:

- a) A first stage “**Summit 2003**”, to be held in Geneva, invited by the Swiss Government, to be held in December 2003. In this stage numerous issues will be addressed related to the Society of Information and a **Declaration of Principles** and **Plan of Action** that will address all issues related to the Society of Information.
- b) During this first stage and, between twelve (12) and fifteen (15) months before holding the Summit 2003, between four (4) and six (6) **Regional Preparatory Meetings** will be held.

¹³ PCC.I/doc.1449/01

- c) A second stage “**Summit 2005**”, to be held in Tunisia as invited by the Government of this country. In this stage, development issues will be discussed, progress will be evaluated and another Plan of Action will be adopted, according to needs.
- d) During this second stage and, between four (4) and six (6) months before the realization of Summit 2005, the World Preparatory Meeting will be held with Ministerial status in the event of a attendance of Heads of State.

BEARING IN MIND THAT:

The following theme areas have been established:

- a) Creation of infrastructure.
- b) Open gateways
- c) Services and applications.
- d) User needs.
- e) Development of a general framework.
- f) TIC y education.

CONSIDERING:

- a) That within CITELE structure, the Permanent Consultative Committee I: Public Telecommunications Services is the body summoned to make progress on the preparatory works for the World Summit on the Society of Information, since the objectives of the Summit as well as its agenda, are closely related to this Committee’s mandate.
- b) That within PCC-I, the Working Group on the Promotion of Global Information Infrastructure in the Americas addresses the follow-up of many of the theme areas established by ITU for the World Summit on the Society of Information.
- c) That at this moment none of the required elements are available in order to define the form of CITELE participation in the framework of the World Summit on the Society of Information.

RESOLVES:

1. To entrust the Rapporteur’s Group on Electronic Trade and Community Affairs of the Working Group on the Promotion of the Global Information Infrastructure, with the coordination of a “CMSI Consultation Forum on CMSI”. The objective of said forum will be to perceive the vision of CITELE Member States in relation to the ITU World Summit on the Society of Information.
2. That PCC-I, via the Secretariat of CITELE, urges the Member States of CITELE to contribute with the Rapporteur on Electronic Trade and Community Affairs of the Working Group on the Promotion of the Global Information Infrastructure in the Americas, by contributing the vision that each one has of the World Summit on the Society of Information.

3. Entrust the coordinator of the “**Consultation Forum on CMSI**”, with a report on the result of this consultation for the XVI PCC.I Meeting.

PCC.I/RES. 141 (XV-01)¹⁴
DRAFT RESOLUTION FOR DISTRIBUTION OF SURVEY OF INDICATORS OF THE TELECOMMUNICATIONS SECTOR IN 2001

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

IN VIEW:

- a) That during the XII Meeting of the Permanent Consultative Committee document CCP1/doc.1156/00rev.2 “Survey on Indicators of the Telecommunications Sector”.
- b) That in the period between the XII and XV Meeting of Permanent Consultative Committee I responses have been received to the Survey on Indicators of the Telecommunications Sector from 11 member countries.
- c) That results to the Survey on Telecommunications Indicators of have been presented in document 1430.
- d) That the approval of the survey in XII assumes that it is standard within CITEI by means of its annual delivery.

CONSIDERING:

- a) The information provided by countries is really valuable to make an analysis on the behavior and relevance of the telecommunications sector.
- b) It is necessary to have updated information on the evolution of the telecommunications sector in the Americas.
- c) No responses were obtained on some variables incorporated in the Survey on Telecommunications Indicators of the Americas.
- d) The responses to some variables reflect the lack of understanding of the applications made.

RESOLVES:

1. To approve precise modifications made to the survey of telecommunications indicators of the Americas according to indications in document PCC.I/doc.1430/01.
2. Request to the Secretariat of CITEI to distribute among member countries the survey on telecommunications indicators of the Americas together with instructions by the second week of January 2002, according to indications in document PCC.I/doc.1430/01.

¹⁴ PCC.I/doc.1447/01

3. Request to the Secretariat of CITEL to publish the new telecommunications survey in its web page.
4. Request member countries to deliver responses to the Survey on Telecommunications Indicators of the Americas with the data of the year 2001 by the next Meeting of the Permanent Consultative Committee I.
5. Request information of the year 2000 to those countries that did not in their responses.

PCC.I/RES. 142 (XV-01)¹⁵
ESTABLISHMENT OF TECHNICAL NOTEBOOKS AS A NEW TYPE
OF DOCUMENT OF THE WGSC

The XV meeting of the Permanent Consultative Committee I: Public Telecommunications Services,

CONSIDERING:

- a) That PCC.I has a number of important contributions which are informational, are updated regularly, and are in effect “living documents”.
- b) That there is a clear need for a formal characterization of such documents which have on-going use as reference material on key PCC.I project topics.
- c) That some of these documents, while containing information about technical standards, do not qualify as CSDs.

RECOGNIZING:

The need to ensure that Technical Notebooks cannot be misconstrued as implying approval by the members of CITEL.

RESOLVES:

1. To create a new type of informational document, called a Technical Notebook, which will provide a formalised means of maintaining a file of a project’s technical information that will be available to the telecommunications industry in the member states.
2. To use Technical Notebooks when:
 - a) Publishing technical information for network characterizations or service functionality for new or existing services.
 - b) Describing/reporting the status of a study project for the current or future use of a Working Group.

¹⁵ PCC.I/doc.1437/01rev.1

- c) Publicizing findings of a study, review or survey.
 - d) Documenting procedures, inter-working or interconnection issues which would benefit the industry but which are not adaptable or practical as a Coordinated Standard Document (CSD).
 - e) Documenting standards, completed or in progress, for new or existing services, which may be considered for future development into a CSD in accordance with the approval procedures of the WGSC.
3. To require that Working Groups appoint an editor for a Technical Notebook at the first opportunity that such a document begins to develop. This individual should be chosen with the understanding that the tenure of the appointment is at least until the document is published, the activity terminated, or the editor is replaced by another editor.
 4. To include in the introduction to each Technical Notebook a disclaimer that states that the members of CITELE have not approved its contents.
 5. At the next meeting of PCC.I, to revise PCC.I/Res.28(V-96), "Working Methods of the Working Group on Standards Coordination," to include the establishment of Technical Notebooks among the output documents of the WGSC.
 6. That this method of identification can be used to classify provisional documents being studied by other PCC.I groups.
 7. To publish in the CITELE web site access to Technical Notebooks.

PCC.I/RES. 143 (XV-01)¹⁶
EMERGENCY SERVICES
SEMINAR ON IN WIRELESS NETWORKS TO PROVIDE
AUTOMATIC LOCATION IDENTIFICATION IN THE AMERICAS

The XV Meeting of Permanent Consultative Committee I: Public Telecommunication Services,

WHEREAS:

- a) The latest advances in automatic location technologies allow wireless handset users to be located far more accurately than in the past.
- b) For countries lacking a robust social infrastructure, an accurate location service could well develop into a very safe and reliable option for emergencies and other security problems.
- c) Some countries in the region have introduced measures and are taking decisions designed to enhance public security, promoting and urging the rapid implementation of a

¹⁶ PCC.I/doc.1455/01

nationwide emergency services infrastructure in a well-coordinated and transparent manner, linking the fixed and radiocommunications networks.

- d) Basically, it is vitally important to ensure the safety and security of the lives and assets of the population.

CONSIDERING:

That due to unforeseen conditions it was not possible to organize the seminar during the XV Meeting of the PCC.I.

RESOLVES:

1. To organize a half day Seminar on Emergency Services in Wireless Networks to provide Automatic Location Identification in the Americas during the XVI Meeting of the PCC.I, to be held in _____, Uruguay on _____, 2002.
2. To urge all the Members of CITEL to participate in this Seminar. The following topics will be addressed:
 - Regulatory aspects for the provision of emergency services by wireless operators
 - Challenges faced by wireless operators on automatic localization identification of callers making emergency calls
 - Technology solutions that enable automatic location of callers.
3. That the coordinator of the seminar will be the Rapporteur for this Topic, Severino Camilo with QUALCOMM do Brasil, Associate Member.

INSTRUCTS THE EXECUTIVE SECRETARY OF CITEL:

To distribute this resolution to all member states and associate members and urge them to participate in this seminar and make contributions. Also, to urge the administrations to invite public safety organizations in their countries working in this issue to participate in this seminar.

PCC.I/RES.144 (XV-01)¹⁷
REQUEST TO CITEL MEMBER STATES FOR CONTRIBUTIONS TO THE AD-HOC
WORKING GROUP FOR THE STUDY AND APPROACH OF
TELECOMMUNICATIONS SERVICES SUPPORTED BY IP TECHNOLOGY

The XV Meeting of Permanent Consultative Committee I: Public Telecommunication Services,

CONSIDERING:

- a) That the issue of telecommunications services supported by IP technology is acquiring each day more importance worldwide.

¹⁷ PCC.I/doc.1453/01

- b) That telecommunications services supported by IP technology have only recently begun and continue to evolve. This is why a defined policy on the subject does not exist in many CITEL Member States.
- c) That the working group has received contributions from governments and associate members that, in view of their implications in the regulatory environment in regard to the definition of service promotion policies and information concerning available technology for Internet access, require more attention and study by the Ad-Hoc Group.

RESOLVES:

1. To concede to the following documents: **“Regulatory aspects and Recommendations on telecommunications services supported by IP Technology”** (document PCC.I-1446/01 rev.1), **“Policies to promote the Internet Service in America”** (document PCC.I-1362/01 rev.1), **“Technologies Available for Internet access”** (document PCC.I/doc.1451/01) the status of technical notebooks giving them a corresponding classification.
2. Request that the Governments of CITEL Member States carry out a detailed review of these documents and, present their contributions to be discussed at the next meeting. In this manner, a final document can be obtained that includes information and recommendations that serve as a guide for CITEL Member Countries.
3. Publish a poster with the matrix of the available technologies for Internet access that has been prepared by the respective Rapporteur Working Group, to be presented at the next CITEL General Assembly. This work shall be carried out under the coordination and supervision of Mr. Bill Graham from the delegation of Canada.

INSTRUCTS:

The Executive Secretary of CITEL to take the necessary steps for compliance with Resolves 3 of this resolution.

PPC.I/RES.145 (XV-01)¹⁸

**MODIFICATION OF THE TERMS OF REFERENCE OF THE RAPPOREUR GROUP
TO CONDUCT A STUDY RELATED TO INTERNATIONAL AGREEMENTS ON
CHARGES FOR INTERNET SERVICES IN CITEL COUNTRIES**

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

CONSIDERING:

- a) That to achieve the aforementioned objective via Resolution PCC.I/RES.114 (XIV-01) a questionnaire was approved to be distributed among member countries to respond to

¹⁸ pcc.i7doc.1448/01rev.1

same, obtaining response only from 5 countries, information that is insufficient to prepare studies in the regard.

- b) That the fact that obtaining responses was somewhat complicated in some countries must not be considered as a reason to stop or delay the work of the Rapporteur Group that impede the preparation of same.

ACKNOWLEDGING:

- a) That different governments have expressed that they have made their best effort to gather information distributing in the Internet industry the questionnaire prepared by the Rapporteur Group without receiving the totality of responses.
- b) That most CITELE countries coincide in that Internet service provision requires solely an registration or permit of the regulator of telecommunications or the Ministry of Communications, as applicable, diminishing or even annulling the obligation on the part of the service provider to deliver information.

RESOLVES:

1. Approve the modification of the terms of reference in order to incorporate item b.bis) indicating the following:

- a) Gather the following information from all CITELE countries via the Questionnaire approved by means of this Resolution:
 - a.1) Current Internet structure
 - a.2) Structure of Internet planned for the future.
 - a.3) Traffic exchange as well as broadband capacity.
 - a.4) Current situation in relation to international charges for international Internet traffic.
 - a.5) Current situation in relation to tariffs charged to the end user for Internet access.
 - a.6) Regulatory aspects.
- b) Prepare a data base with compiled information so that CITELE Governments may access same.

b.bis) Analyze documents and publications that have been published in this regard by different international and regional organizations as well as by different prestigious international consulting telecommunications companies that may be useful to achieve the objective of the Rapporteur Group.

- c) Prepare general and statistical studies taking most advantage of same so that it is possible to know the current status of CITELE countries in relation to the exchange of international Internet traffic considering national costs, traffic flows, projections of national and international Internet traffic growth, broadband international capacity, among others.
- d) On the basis of results of the aforementioned studies, recommend, if necessary, strategies for the establishment of guidelines or international agreements on

international Internet charges that allow fostering Internet development in CITEL countries.

PCC.I/RES. 146 (XV-01)¹⁹
WORK SCHEME FOR THE STUDY OF TOPICS OF FREE COMPETITION

The XV Meeting of the Permanent Consultative Committee I: Public Telecommunication Services,

HAVING SEEN:

- a) That during the XIV Meeting of the Permanent Consultative Committee I, in March 2001, a document identified by the title "Structure for the report on free competition requested by COM/CITEL" was submitted.
- b) That the work topics submitted in document PCC.I/1307/01 include a group of topics that cannot be analyzed by a single member country
- c) That the document is evidence of the agreement among member countries to initiate studies and to establish a working agenda for year 2001 on subjects related topics proposed during the XIV Meeting

CONSIDERING:

- a) That the analysis of topics on competition is highly important for CITEL member countries, particularly for those countries that are about to open their telecommunications markets.
- b) That member countries must have broad knowledge of the problems involved in the transition towards full competition in the telecommunication market.

RESOLVES:

Analyze the topics of competition through the following theme areas:

1. GENERAL ASPECTS OF THE USE OF COMPETITION IN INTEGRATION BLOCKS AND MULTILATERAL ORGANIZATIONS
 - 1.1 Treatment of free competition in the framework of the World Trade Organization, Andean Community, Free Trade Area of the Americas, etc.
 - 1.2 Recommendations that may help take advantage of the use of working meetings responsible for handling competition in light of advancements in opening telecommunication markets in CITEL member countries.
 - 1.3 Other topics of interest.

¹⁹ Ref. Document CCP.I/1452/01

2. GENERAL ASPECTS OF REGULATION ON OPEN COMPETITION IN CITEL COUNTRIES
 - 2.1. Legislation or regulation on Open Competition.
 - 2.2. Entity in charge of overseeing compliance with open competition regulation. Relationship with the regulator of the telecommunication sector.
 - 2.3. Practices or procedures related to provisions in regulations on open competition.
 - 2.3.1. Regulation on conduct.
 - 2.3.1.1 Definition of dominating position, market power, significant market power, in light of the regulations on open competition.
 - 2.3.1.2 Horizontal practices (abuse of dominating position, cartels, and colluding agreements, among others) Vertical Practices.
 - 2.3.1.3 Unfair competition
 - 2.3.2. Regulation on structures.
 - 2.3.2.1. Economic concentrations.
 - 2.3.2.2. Strategic Alliances (Joint Ventures)
 - 2.4. Experience with handling cases on restrictive practices or conduct on open competition in telecommunication markets.
 - 2.5. Other topics of interest.
3. MECANISMS FOR THE PROMOTION OF OPEN COMPETITION AND ELIMINATION OF ENTRANCE BARRIERS TO TELECOMUNICATION MARKETS.
 - 3.1. Issuance of licenses.
 - 3.2. Regulatory treatment of interconnection.
 - 3.2.1. Guarantee of access and use of networks and transport services.
 - 3.2.2. Interconnection charges in fixed networks.
 - 3.2.3. Interconnection charges in mobile networks.
 - 3.2.4. Cost model for calculation of interconnection charges.
 - 3.2.5. Co-location.
 - 3.3. Regulatory treatments for establishing the modality of access to long distance operator.
 - 3.4. Billing, gauging, and collection services between telecommunication operators.
 - 3.4.1 Legal provisions that allow the supply of billing, gauging, and collection services by means of other operators
 - 3.4.2 Obligation of operators, whether dominating or not, to provide billing services to competitor operators.
 - 3.4.3 Elements for the calculation of costs and reasonable margins for provision of said services.
 - 3.5 Treatment of capacity resale in telecommunication network.
 - 3.6 Number portability.
 - 3.7 Other topics of interest.

4 ELEMENTS TO BE CONSIDERED BY THE NEW REGULATION MODEL.

- 4.1 Desegregate provision of local subscriber loop.
- 4.2 Interconnection of emerging networks.
- 4.3 Provision of new services and regulatory treatments for converging services.
- 4.4 Regulation of telecommunication services provided under vertical integration schemes that may result in competitive advantages for dominating operators.
- 4.5 Other topics of interest.

ENTRUSTS:

- Argentina and Guatemala to analyze topics related to theme area 1.
- Mexico and Guatemala to analyze topics related to theme area 2
- Brazil, Guatemala and Venezuela to analyze topics related to theme area 3

There is no country designated for analysis of theme area 4. The United States of America will review the theme areas and in 2 weeks will communicate to the Chair of the Group on Economic Affairs and Tariff Principles of the Permanent Consultative Committee, the theme area that it will study.

PCC.I/RES.147 (XV-01)²⁰ TO PREPARE FOR WTDC- 2002

The XV Meeting of the Permanent Consultative Committee I: Public Telecommunication Services,

RECOGNIZING:

- a) That in Resolution 110 adopted during the XIV PCC.I, it was agreed to create an ad hoc group to prepare the contributions of PCC.I as part of the COM/CITEL preparations for WTDC 2002.
- b) That in said Resolution it was decided to take into account COM/CITEL Resolution 103 in relation to guidelines for the preparation of proposals for WTDC 2002.
- c) That in COM/CITEL Resolution 103, Annex 1, Item 7, COM/CITEL explicitly listed as a priority issue to “promote and coordinate the modernization of telecommunications infrastructure through introduction of new technologies, in particular broadband technology, third generation mobile systems, and IP (Internet protocol) technology.”

CONSIDERING:

- a) The necessity for CITEL’s Member States and sector members to be prepared for managing the transition to converged networks.

²⁰ PCC.I/RES.147 (XV-01)

- b) The necessity to promote development of advanced technologies, such as IP Telephony, so that technologically the Americas will keep pace with the rest of the world.

RESOLVES:

That in preparation for the WTDC 2002:

1. CITEC recognizes that like most times of change, a lot of hard work lies ahead in managing the transition to converged networks. The challenge before CITEC member states and sector members is to manage this transition in a measured fashion that maximizes existing investment and protects consumers while quickly making available new services and technologies that benefit both users and service providers. Nevertheless, CITEC, recognizing both the costs and benefits of IP Telephony, believes that the benefits of this innovation will outweigh the cost. CITEC seeks to take the lead in helping to manage a measured transition and foster an environment that will allow CITEC members to move as quickly as possible to take advantage of communications capabilities. This will help to fuel long-run economic growth.

2. CITEC recognizes that IP-based technologies, like IP Telephony, fostered by pro-competitive and flexible policies, hold the promise of driving down consumer costs and fostering technical and market innovation. Thus, CITEC believes that IP-based technologies are catalysts for economic prosperity and will help to benefit the citizenship of the region.

3. CITEC further believes that recognizing the growth of IP Telephony at a time when its share of total voice traffic is minute, will give incumbents opportunity to prepare for the expected increase in use of IP Telephony. In addition, CITEC agrees with the ITU when it asserts in the WTPF B opinion that the deployment of IP-based technologies will facilitate infrastructure build-out and the evolution of existing networks.ⁱ

4. CITEC desires to help its member states and sector members be better prepared for this transitionally time. CITEC will accomplish this by informing its member states and sector members of events or forums that will help to better prepare governments for this time. For instance, the ITU plans on hosting several forums on the subject of how to best promote growth of IP technologies in a country. These workshops, will address the many issues associated with how to evolve existing networks to facilitate deployment of IP-based technologies and other advanced services.ⁱⁱ CITEC will promote these events so that technologically, the Americas will keep pace with the rest of the world.

5. In addition, CITEC seeks to take an active role to ensure that all member states lacking necessary human resources for the development of IP-technologies will be aware of the means of acquiring these resources. For instance, the WTPF C opinion has asked the ITU-D to help countries that lack the sufficient development of human resources to implement IP telephony. The following are some of the different efforts that have been requested: to encourage Member States and Sector Members to create integrated human resources transition plans for new technologies, business operations and regulatory and policy activities, to assist Member states and Sector Members in evaluating and identifying new and changing human resources requirements in order to meet the challenges of an evolving communications environment, and finally to draw upon existing BDT research and skilled personal to identify: 1. HRD/HRM and training issues related to network evolution, 2. HRD/HRM (Human Resources Development/Human Resources Management) and training issues related to new technologies, including IP, and 3. skills leading to the creation of a business environment that will attract infrastructure investment.ⁱⁱⁱ By promoting

events such as this these, CITELE hopes to ensure that its member states will have the resources necessary to develop IP Technologies.

6. CITELE desires to promote the use and development of IP-technologies, like IP Telephony, within its member states and through its private sector members. CITELE desires to promote the development of national and regional network infrastructure that efficiently supports these new services based on IP. It is CITELE's belief that prompt action will help to fuel economic growth, minimize the effects of the global transition towards IP technologies, and help to ensure that the Americas be at the forefront of technological development in the future.

IV. LIST OF BASIC DOCUMENTS:

Minutes of the Opening Session and First Plenary Session	PCC.I./doc.1414/01rev.3
Minutes of the Second Plenary Session	PCC.I./doc.1443 /01rev.3
Minutes of the Third Plenary Session and Closing Session	PCC.I./doc.1454./01rev.2
List of Documents	PCC.I./doc.1319/01rev.9
List of Participants	PCC.I./doc.1320/01rev.3
Final Report	PCC.I./doc.1459/01cor.1

ⁱ Report by the Chairman, World Telecommunication Policy Forum. 9 March 2001. Opinion B.

ⁱⁱ Ibid.

ⁱⁱⁱ Ibid., Opinion C.