



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

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

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**II MEETING OF PERMANENT  
CONSULTATIVE COMMITTEE I:  
TELECOMMUNICATION STANDARDIZATION  
April 7 to 10, 2003  
Ciudad de Guatemala, Guatemala**

**OEA/Ser.L/XVII.4.1  
CCP.I –TEL/doc.184/03 rev.2  
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## **FINAL REPORT**

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## **FINAL REPORT**

The II Meeting of the Permanent Consultative Committee I: Telecommunication Standardization, was held in the city of Guatemala, April 7 to 10 of 2003.

### **I. AGENDA<sup>1</sup>**

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 Groups since the I Meeting.
4. Meeting and report of the Working Groups during the II Meeting:
  - 4.1. Working Group on Standards Coordination
  - 4.2. Working Group on Advanced Network Technologies and Services
  - 4.3. Working Group on Mutual Recognition Agreements and Certification Processes
  - 4.4. Working Group on Economic Aspects and Tariff Principles
  - 4.5. Working Group on Preparations for the World Telecommunication Standards Assembly
5. Agenda, venue and date for the III Meeting of PCC.I.
6. Approval of the Final Report.
7. Other Business.

### **II. MEETING AUTHORITIES**

CHAIRMAN: Mr. Félix Castro (Colombia)  
VICE-CHAIR: Mr. Marcos Bafutto (Brazil)  
EXECUTIVE SECRETARY: Mr. Clovis Baptista (OAS)

CHAIR OF DRAFTING GROUP: Mr. René Vicente Rodríguez (Guatemala)  
MEMBERS OF DRAFTING GROUP: Mrs. Marian Gordon (United States)

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<sup>1</sup> Document PCC.I- TEL/doc.95/03 rev.3

### **III. RESOLUTIONS:**

#### **PCC.I/RES.13 (II-03)<sup>2</sup>**

#### **AGENDA, VENUE AND DATE OF THE III MEETING OF PCC.I**

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

#### **RESOLVES:**

1. To hold the III Meeting of the Permanent Consultative Committee I: Telecommunication Standardization in Mexico, September 22 to 26, 2003.
2. To adopt the Draft Agenda for the III Meeting of PCC.I attached in the annex to this resolution.

#### **ANNEX**

#### **Draft Agenda of the III 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 and meeting of the Working Groups:
  - a) Working Group on Standards Coordination
  - b) Working Group on Advanced Network Technologies and Services
  - c) Working Group on MRA and Certification Processes
  - d) Working Group on Economic Aspects and Tariff Principles
  - e) Working Group on Preparations for the World Telecommunication Standards Assembly
4. Approval of the Final Report
5. Agenda, venue and date for the IV Meeting of PCC.I
6. Other Business

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<sup>2</sup> Document CCP.I-TEL/doc.156/03

**PCC.I/RES.14 (II-03)<sup>3</sup>**

**TELECOMMUNICATIONS CONSIDERATIONS IN THE EVOLVING AGREEMENT  
FOR THE FREE TRADE AREA OF THE AMERICAS (FTAA)**

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

**RECOGNIZING:**

- a) The importance to the Region of the evolving agreement for the Free Trade Area of the Americas;
- b) The importance of telecommunications as a facilitator of trade, and
- c) That the FTAA agreement could have an important impact on the development of the telecommunications infrastructure of the Region,

**CONSIDERING:**

The mandate and scope of CITELE and its Permanent Consultative Committees on telecommunications, radiocommunications and broadcasting,

**RECOMMENDS:**

- a) That CITELE establish contact with the FTAA process at an appropriate level, and
- b) That CITELE offer its considerable expertise and experience as a sounding board to the FTAA,

**RESOLVES:**

To instruct the Executive Secretary of CITELE to forward the attached draft letter to the Chair of COM/CITELE for approval and forwarding under his signature to the FTAA process at the appropriate level – the FTAA contact to be identified by the Secretariat.

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<sup>3</sup> Document CCP.I-TEL/doc.162/03 rev.1

## ANNEX

### DRAFT LETTER TO THE FTAA PROCESS

Dear.....

The purpose of this letter is to draw your attention to the Inter-American Telecommunication Commission (CITEL), its mandate and interest in the FTAA process and in establishing a channel of communications.

CITEL, an entity of the Organization of the American States (OAS), is the main forum in the hemisphere in which governments and the private sector meet to coordinate regional efforts to develop the telecommunications infrastructure of the Region. It has two Permanent Consultative Committees, one dealing with a broad range of telecommunications matters, and the other dealing with radio communications and broadcasting. Consequently we have a direct interest in how the FTAA process will impact these sectors and specifically in the formulation of related principles and obligations that will result from the FTAA negotiations.

Therefore we are offering to act as a source of technical expertise for your deliberations in these areas. We believe that this would be mutually beneficial. Furthermore we assure you that we in no way wish to interfere with your complex tasks but rather to add value.

The Executive Secretary, Mr. Clovis Baptista (Tel: 202-4583481, Fax: 200-4586854, e-mail: citel@oas.org) will be our point of contact.

We look forward to hearing from you and to assisting in this important work.

Sincerely

Marcelo Kohan  
Chairman  
Executive Committee of CITEL (COM/CITEL)

**PCC.I/RES.15 (II-03)<sup>4</sup>**

**PROCEDURE FOR THE IDENTIFICATION OF PROJECTS FOR THE  
DEVELOPMENT OF INDIGENOUS COMMUNITIES**

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

**IN VIEW OF:**

- a) Resolution PCC.I/RES.3(I-02) "Implementation of a Teleducation and Telemedicine Pilot Project Applied to Indigenous Communities" adopted during the First PCC.I meeting with several provisions and resolutions emphasizing the importance of the Telecommunication and Communication and Information Technologies Infrastructure for socio-economic and cultural development, and
- b) Resolution COM/CITEL RES. 152 (XII-02) "Establishment of a Group for connectivity initiatives management" that establishes a Group for Connectivity Initiatives Management to identify those projects responding to the common needs of the countries of the Region, and promote cooperation mechanisms with international and regional financing organizations and other entities,

**CONSIDERING:**

- a) That the Project included in Resolution PCC.I/RES.3(I-02) fits into the spirit of the Connectivity Projects mentioned in Resolution COM/CITEL RES.152 (XII-02), and
- b) That the PCC.I considers that any projects with high social relevance are high priority projects to CITEL,

**RESOLVES:**

1. To create a discussion group in CITEL's Electronic Forum to identify existing or developing projects, in the related subjects of the PCC.I that could be included in a regional project for indigenous communities, among others, teleducation and telemedicine applications.
2. To designate Mr. Christian Martinez as the coordination of the discussion group.
3. That the discussion group coordinator must prepare a report on these works before August 5, 2003, and submit it directly to the chair of COM/CITEL, in consultation with the Chair of PCC.I.
4. That with the submission of said report to COM/CITEL, these works in the scope of the PCC.I will be regarded as concluded.
5. To invite Member States and Associate Members to provide information on existing projects or those under development.

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<sup>4</sup> Document CCP.I-TEL/doc.166/03

**PCC.I/RES.16 (II-03)<sup>5</sup>**

**APPROVAL OF A JOINT CITEL/ITU/PRIVATE SECTOR EVENT**

The II Meeting of the Permanent Consultative Committee I (PCC.I): Telecommunication Standardization;

**CONSIDERING:**

- a) That Resolution COM/CITEL RES. 126 (X-01) resolved to hold a joint event ITU/CITEL/TIA during 2002;
- b) That due to the changing economic circumstances faced by the telecommunications industry during 2002, this event was not held;
- c) The coordinations between representatives of the ITU, a number of CITEL Member States, and TIA, highlighting the benefits of bringing the above-mentioned interested parties together for a event to discuss market changes, and in cases where certain market segments have been particularly vibrant, what elements (commercial, policy or regulatory) contributed to that vitality;
- d) The importance of incrementing the private sector participation in CITEL and ITU activities and projects;
- e) TIA's commitment to reach out to the private sector throughout the Americas;
- f) The ability of the ITU and corporate sponsors to fund events, and
- g) That there would be no budgetary impact on CITEL,

**RESOLVES:**

- 1. To approve a joint event between CITEL, the ITU and the private sector, to be held during a Meeting of PCC.I.
- 2. That the following issues be highlighted:
  - ITU Presentation on Least Developed Countries (LDC's) and private sector participation.
  - Private Sector partnership on the implementation of the Agenda of Connectivity for the Americas.
  - Private sector partnership in ITU/CITEL activities and projects.
  - Challenge of collaboration given the economic state of the industry.
  - Global trends in the industry/industry priorities.
- 3. To request the active participation of Member States and Associate Members in such an event.

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<sup>5</sup> Document CCP.I-TEL/doc.170/03 rev.1

**PCC.I/RES.17 (II-03)<sup>6</sup>**

**CREATION OF A TECHNICAL NOTEBOOK ON NEXT GENERATION NETWORK STANDARDS**

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

**CONSIDERING:**

Resolution 39 (III-02) issued by the CITELE Assembly, which assigns PCC.I the leadership role in defining and executing ongoing Next Generation Networks (NGN) related studies,

**RECOGNIZING:**

- a) That interest in advanced capabilities supported by NGN continues to grow within the region of the Americas;
- b) That the Working Group on Standards Coordination has been studying NGN technical requirements, including relevant protocols and Internet Telephony, and
- c) That NGN standards are evolving and consequently it is necessary to maintain an up to date view of this developments,

**RESOLVES:**

1. To create a Technical Notebook on Next Generation Networks Standards based on the information contained in document CCP.I-TEL/doc. 112/03.
2. To publish this Technical Notebook on the CITELE Web page for the benefit of the Members States and update this living document on an ongoing basis.

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<sup>6</sup> Document CCP.I-TEL/doc.175/03

**PCC.I/RES. 18 (II-03)<sup>7</sup>**

**ESTABLISHMENT OF RAPPORTEUR GROUPS IN THE WORKING GROUP ON  
STANDARDS COORDINATION**

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

**CONSIDERING:**

- a) Resolution CITEI/RES. 39 (III-02) issued by the CITEI Assembly, which assigns PCC.I the leadership role in defining and executing ongoing Next Generation Networks (NGN) related studies, and
- b) Resolutions PCC.I/RES.4 (I-02) and PCC.I/RES.5 (I-02), which set the mandates and terms of reference for the Working Group on Standards Coordination.

**RECOGNIZING:**

- a) That there is a need for NGN studies that address signaling and services aspects (including IN-based services) that go well beyond what has been covered by the Working Group on Standards Coordination in the past;
- b) That in conjunction with massive investments in optical backbone infrastructure, service providers are starting to move broadband closer to end-users to build and end-to-end infrastructure that supports bandwidth thirsty services, and
- c) That an important enabler for NGN is the availability of suitable management solutions that minimize the operation costs of running the network,

**RESOLVES:**

1. To establish three rapporteur groups under the Working Group on Standards Coordination: Fixed and Mobile Services and Network Signaling; Transport Infrastructure; and Communications Network Management and Operations.
2. That the Co-Rapporteurs for the Fixed and Mobile Services and Network Signaling group will be Mr. Oscar Avellaneda (Canada) and Mr. Marco Perez (Colombia).
3. That on an interim basis, Mr. Walter Calil (Brazil) will be the Rapporteur of the Transport Infrastructure group.
4. That on an interim basis, Mr. Hector Carril (Argentina) will be the Rapporteur of the Communications Network Management and Operations group.
5. To establish the structure indicated in Addendum 1 to this resolution, with the respective mandates, terms of references and work plans.

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<sup>7</sup> Document CCP.I-TEL/doc.176/03 rev.1

## ADDENDUM 1

### RAPPORTEUR GROUPS MANDATES, TERMS OF REFERENCE AND WORK PLANS

#### 1. Rapporteur Group on Fixed and Mobile Services and Network Signaling

##### **Mandate:**

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

**Co-Rapporteurs:** Mr. Oscar Avellaneda and Mr. Marco Perez

##### **Terms of Reference:**

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

**Work Plan:****By the III PCC.I Meeting (2003)**

- a) Reassess progress on Signaling standards and recommend the adoption of Standards Coordination Document (CSD) if appropriate,
- b) Update the Next Generation Networks – Standards Overview document,
- c) Consider recommending the adoption of a CSD based on Security standards.

**By the IV PCC.I Meeting (2004)**

- a) Assess progress on harmonization and convergence of networks aspects of IMT-2000.
- b) Initiate work on Emergency communication services,
- c) Carry out a study to determine the impact of advanced telecommunications systems in the automatic roaming and mobility.
- d) Reassess current working plan based on new developments in the telecommunications environment and propose a new work plan if necessary.

**2. Rapporteur Group on Transport Infrastructure****Mandate:**

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

**Rapporteur:** Mr. Walter Calil Jabur (interim)

**Terms of Reference:**

- a) To identify and evaluate technical issues relating to the standards required to support interconnectivity and interoperability of existing and future transport networks across the region that will ultimately result in the emergence of an end-to-end optical network.
- b) To draw primarily on the standards work of the ITU-T and other fora as appropriate
- c) To recommend standards that deal with the following topics:
  - Metropolitan and Long haul optical transport networks;
  - Access network transport (LANs, xDSL, Ethernet, cable modem, fiber, Wireless LANs, etc.);
  - Terminals (PC, TV, phone, codecs, etc.);

- Outside plant.
- d) To identify, on a timely and ongoing basis, obstacles to full end-to-end interoperability of transport networks throughout the hemisphere and to report on these to both the Working Group on Standards Coordination and the Working Group on Advanced Network Technologies and Services.
- e) To establish liaisons with other standards bodies and industry fora as necessary to progress the work.

**Work Plan:**

**By the III PCC.I Meeting (2003)**

1. Consider recommending a CSD on Cable Access standards
2. Start studying of wireless access standards for NGNs

**By the IV PCC.I Meeting (2004)**

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

**3. Rapporteur Group on Communications Network Management and Operations**

**Mandate:**

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

**Rapporteur:** Mr. Héctor Carril (interim)

**Terms of Reference**

- a) To draw primarily on the work of existing standards-setting bodies, including the ITU-T, and other fora as appropriate.
- b) To identify and evaluate standards related to administrative support functions such as methods for charging, accounting and billing data.
- c) To recommend standards that deal with the following topics:

- Management of communications services, networks and equipment;
  - Communications system security (lawful intercept, privacy, fraud prevention, cyber crime, sabotage, etc.);
  - Numbering, Naming and Addressing (ENUM);
  - Performance and QoS.
- d) To identify, on a timely and ongoing basis, obstacles to full interoperability of communications networks management systems throughout the hemisphere and to report on these to both the Working Group on Standards Coordination and the Working Group on Advanced Network Technologies and Services.
- e) To maintain liaison with appropriate standards-setting bodies external to PCC.I.

**Work Plan:**

**By the III PCC.I Meeting (2003)**

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

**By the IV PCC.I Meeting (2004)**

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

**PCC.I/RES. 19 (II-03)<sup>8</sup>**

**INTERNET DOMAIN NAMES**

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

**CONSIDERING:**

- a) The growing importance of the management of Domain Names and IP Addresses, and
- b) That the situation in the region regarding the management of Domain Names involves, as the case may be: Government Entities, Academic Entities, NGOs and the Private Sector,

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<sup>8</sup> Document CCP.I-TEL/doc.172/03 rev.1

**RECOGNIZING:**

- a) That Resolution 102 on management of Internet domain names and addresses approved by the Plenipotentiary Conference held in Marrakech on 2002 highlights that the role of governments is to provide a clear, coherent and predictable legal system, and
- b) The work carried out by the Internet Corporation for Assigned Names and Numbers (ICANN) specially the activities corresponding to the Government Advisor Committee (GAC),

**FURTHER RECOGNIZING:**

- a) That governments should promote, as appropriate, an environment of fair competition among companies or organizations in charge of the management of Domain Names and Internet Addresses;
- b) That domain name and Internet address management encompasses matters of public interest associated with stability, security, freedom of use, protection of individual rights, sovereignty, competition rules, and equitable access for all, which is the responsibility of governments or intergovernmental organizations, with the support of competent international organizations, and
- c) That it is CITEL's responsibility as a specialized body of OAS, to promote discussions on the management of Domain Names and Internet Addresses at the regional level and that, by mandate of CITEL's Assembly, it is the responsibility of PCC.I to carry out the studies and the appropriate activities,

**RESOLVES:**

1. To carry out a study on the experiences and government policies of the management of ccTLDs in the countries of the region including a comparative analysis of such experiences, requesting the Working Group on Advanced Network Technologies and Services to identify in this study the "Best Practices" cases.
2. To work with Member States and associate members, and include the activities of other competent entities in the compilation of those experiences.
3. To compile the documents issued by the GAC.
4. To instruct the Chairperson of the Working Group on Advanced Network Technologies and Services to initiate this task immediately according to the "Work Methodology" set out in document CCP.I-TEL/doc.104/03 rev.5.
5. To instruct the Chairperson of the Working Group on Advanced Networks Technologies and Services to submit its report to the III Meeting of the PCC.I.

**INSTRUCTS THE CITEL SECRETARIAT:**

1. To convey to the Member States and Associate Members the contents of this Resolution.
2. To request the Member States and the Associate Members to contribute to collect information pursuant to *resolves* 2 above.

**PCC.I/RES.20 (II-03)<sup>9</sup>**

**CYBERSECURITY**

The II Meeting of the Permanent Consultative Committee: Telecommunications Standardization,

**RECOGNIZING:**

- a) That ensuring the safety and security of networked information systems (cybersecurity) is a priority item for our hemisphere;
- b) That ubiquitous and secure information networks play an important role for the critical infrastructure of all OAS Member States, their economies and their societies, and
- c) That the Permanent Executive Committee of the Inter-American Telecommunication Commission (COM/CITEL) has identified building a culture of cybersecurity as an important objective for CITEL,

**FURTHER RECOGNIZING:**

That security cannot be a responsibility left only to governments but that a broad partnership between governments and the private sector in the Americas is required,

**CONSIDERING:**

That the Inter-American Committee Against Terrorism of the OAS (CICTE) is requesting the cooperation of CITEL to plan a Hemispheric Conference on Cybersecurity in July 2003,

**FURTHER CONSIDERING:**

That CITEL, through its partnering with the private sector on issues in its areas of responsibility, and through its Work Plan for advanced network issues, including cybersecurity, can make an important contribution to creating a culture of cybersecurity in the Americas,

**RESOLVES:**

1. To instruct the CITEL Secretariat to establish a communication channel with CICTE.

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<sup>9</sup> Document CCP.I-TEL/doc.160/03 rev.2

2. To further instruct the CITELE Secretariat, upon instruction from the PCC.I Chair in consultation with CITELE Member States, and the Chair of the Advanced Network Technologies Group to periodically communicate to CICTE on CITELE's progress in the area of cybersecurity.

**PCC.I/RES.21 (II-03)<sup>10</sup>**

**BROADBAND ACCESS TECHNOLOGIES AND SERVICES**

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

**CONSIDERING:**

Resolution PCC.I/RES.4 (I-02)<sup>11</sup> and the attached annexes identify broadband as a priority issue for examination by PCC.I,

**RECOGNIZING:**

- a) That Broadband access technologies have the potential to foster economic growth by improving communications infrastructure;
- b) That Broadband infrastructure can provide the capacity to significantly improve services and applications in practically any sector of society using communications networks, and
- c) That the potential benefits of broadband access technologies and services or applications are consistent with the goals outlined by Heads of State at the Summit of the Americas in Quebec, Canada, in April 2001<sup>12</sup>,

**RECOGNIZING FURTHER:**

- a) That the Working Group on Advanced Network Technologies and Services is working on the issue of broadband access technologies, and how these technologies enhance services and applications, and
- b) That in addressing the issues included in this resolution, the Member States would help to achieve the goals of the Connectivity Agenda for the Americas and of the Working Group on Advanced Network Technologies and Services,

**TAKING INTO ACCOUNT:**

That broadband infrastructure deployment can be facilitated by implementing technologically independent regulations, as well as by implementing policies and regulations that encourage investment in new and diverse communications technologies and services,

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<sup>10</sup> Document CCP.I-TEL/doc.163/03 rev.2

<sup>11</sup> Document CCP.I-TEL/doc. 92/02 rev.1 (FINAL REPORT)

<sup>12</sup> <http://www.citel.oas.org>

**RESOLVES:**

1. To draw to the attention of the authorities responsible for the policy-making to promote the development of the networks and of the telecommunications services, as well as of the regulatory bodies of the Member States, to take due account in their respective spheres of competence the advantages of a prompt evolution towards a national broadband infrastructure, including access to the end users, allowing them to benefit from the advanced services in an environment of convergence.
2. To begin the preparation of a document that will provide technical information that could be used as a guide to draw up policies promoting the deployment of broadband infrastructure and advanced services to provide the information at the highest levels in the OAS through COM/CITEL.

**INSTRUCTS THE EXECUTIVE SECRETARY:**

To distribute this Resolution to the Member States.

**PCC.II/RES. 22 (II-03)<sup>13</sup>**

**ADVANCED SERVICES**

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

**NOTING:**

That user expectations in the Americas are continually increasing with regard to the variety of services and applications offered by the advanced services,

**CONSIDERING:**

- a) That Multimedia traffic is increasing far more rapidly than voice, and will increasingly dominate traffic flows;
- b) That there will be a change from predominantly circuit-switched to packet-based delivery;
- c) That this change will provide the end user with the ability to more efficiently receive multimedia services, including e-mails, file transfers, messaging and distribution services, and
- d) That these services could be either symmetrical or asymmetrical, and real-time or non real-time,

**CONSIDERING FURTHER:**

- a) That the importance of identifying trends for the emerging services and applications;
- b) That the advanced services are under consideration in different entities as a global issue;

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<sup>13</sup> Document CCP.I-TEL/doc.174/03

c) That it corresponds to CITEL, as the specialized entity of the OAS, to carry out studies on the advanced services for the region and the issue is in the PCC.I mandate;

d) That the Advanced Network Technologies and Services Working Group has the work program mentioned in document CCP.I-TEL/doc. 104/03 rev.5 which includes activities such as:

- Monitor the continuing stream of new applications, capabilities and services that are ubiquitous and available across a range of devices.
- Study the characteristics of voice using internet service and voice over IP service using the telecommunication network including performance and QoS related issues in the services supported by advanced networks.
- Consider issues and possible strategies related to the transition and evolution from existing networks to advanced services.

e) That it is important to establish contacts on this issue with other regional and international entities such as ITU, APEC, etc.,

**RECOGNIZING:**

That there is a need to identify priority issues related to Telecommunications over IP facing the Administrations, operators and service suppliers in the Americas that require rapid solutions because of their legal, political or economic implications,

**RESOLVES:**

1. To request the Advanced Network Technologies and Services Working Group to prepare a structure of a study on the characteristics of voice using internet service and voice over IP service using the telecommunication network including performance and QoS related issues in the services supported by advanced networks.

2. To establish a discussion group in the electronic forum of CITEL in order to exchange ideas, information and opinions between CITEL Members to fulfill *resolves* 1.

3. To work with other competent entities in the preparation of this structure.

**INSTRUCTS THE CITEL SECRETARIAT:**

To inform to Member States and associate members about this resolution, requesting contributions and participation in this task.

**REGIONAL PREPARATION ACTIVITIES TOWARD WTSA-2004**

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

**CONSIDERING:**

- a) That Article 18 N° 114 (PP-98) of the Constitution of the International Telecommunication Union (ITU) provides that the World Telecommunication Standardization Assemblies shall be convened every four years, and
- b) That the next World Telecommunication Standardization Assembly (WTSA-04) will take place in Brazil in October 2004,

**NOTING:**

That the First Meeting of the Permanent Consultative Committee I: Telecommunication Standardization, held in Brasilia, Brazil, approved Resolution PCC.I/RES. 4 (I-02), by which the Working Group on Preparations for the World Telecommunication Standardization Assembly is established.

**RECOGNIZING:**

- a) The importance of regional preparation activities which enable all regions to maximize the value of their participation and obtain the best benefits from World Telecommunication Standardization Assemblies in the light of their regional interests, and
- b) The need that the agenda of the next World Telecommunication Standardization Assembly (WTSA-04) be thoroughly studied and debated so that associated results meet the expectations of State Members and Sector Members of the Standardization Sector of the Union (ITU-T),

**RESOLVES:**

1. To invite Administrations to follow and participate to the extent practicable in the preparation of the agenda of the next World Telecommunication Standardization Assembly.
2. To create a discussion group in the electronic forum of CITELE to exchange ideas related to the preparation of the Agenda of the next World Telecommunication Standardization Assembly.
3. To invite the Director of the Telecommunication Standardization Bureau (TSB) or his nominated representative, to attend the next meeting of PCC.I, so as to inform on the current status of the Standardization Sector (ITU-T) in relation to budgetary, financial and strategic issues and indicate relevant issues associated with the World Telecommunication Standardization Assembly 2004 in the view of the Standardization Bureau (TSB).

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<sup>14</sup> Document CCP.I-TEL/doc.99/03 rev.1

## **INSTRUCTS THE EXECUTIVE SECRETARY:**

To send the request indicated in *resolves* 3.

## **IV. DECISIONS:**

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

### **DECIDES:**

- PCC.I/DEC.2(II-03)**<sup>15</sup> To circulate to the Administrations, for comments, the integrated document, up to the II Meeting of PCC.I, of the Yellow Book containing the contributions submitted by the members of PCC.I within the scope of the Working Group on Mutual Recognition Agreements (MRA) and Certification Processes.
- PCC.I/DEC.3(II-03)**<sup>16</sup> To hold a workshop on MRA to support the implementation of the Inter-American MRA on September 26, 2003 within the framework of the III Meeting of PCC.I and under the coordination of Mr. Andy Kwan, Co-Chairman of the Working Group on Mutual Recognition Agreements (MRA) and Certification Processes. See Resolution PCC.I/RES.12(I-02).
- PCC.I/DEC.4(II-03)**<sup>17</sup> To accept the offer made by the Administration of Uruguay to continue conversations so as to define specific work topics between CITELE and UPAEP.

## **V. LIST OF BASIC DOCUMENTS:**

Minutes of the Opening Session and First Plenary Session	CCP.I-TEL/doc. 152/03
Minutes of the Second Plenary Session	CCP.I-TEL/doc. 177/03
Minutes of the Third Plenary and Closing Session	CCP.I-TEL/doc. 183/03
List of Documents	CCP.I-TEL/doc. 93/03 rev.6
List of Participants	CCP.I-TEL/doc. 94/03 rev.1
Final Report	CCP.I-TEL/doc. 184/03 rev.2

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<sup>15</sup> Document CCP.I-TEL/doc.173/03

<sup>16</sup> Document CCP.I-TEL/doc.173/03

<sup>17</sup> Document CCP.I-TEL/doc.173/03