

PCC.I/RES. 18 (II-03)¹

**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.

¹ 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.