

PCC.I/RES. 163 (XVI-10)¹

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

The XVI Meeting of the Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

CONSIDERING:

- a) The new mandate for the PCC.I received from the Fifth Regular Meeting of the CITEL Assembly approved by Resolution CITEL RES. 64 (V-10);
- b) The Strategic Plan for the 2010-2014 period approved by Resolution CITEL RES. 59 (V-10);
- c) That during the XVI PCC.I meeting three lines of action were identified for the next period:
 1. Regulatory aspects;
 2. Technological aspects;
 3. Development and inclusion aspects
- d) That in the said PCC.I meeting a non- comprehensive list of general topics was identified, which relates to the lines of action that should be taken into consideration in the tasks entrusted to the working groups (Annex 2),

RESOLVES:

1. To approve the structure, mandate, terms of reference and authorities for the PCC.I Working Groups attached in Annex 1.
2. To approve the non-comprehensive list of general topics related to the lines of action that should be taken into consideration in the tasks entrusted to the working groups attached in Annex 2.
3. To repeal Resolutions PCC.I/RES. 91 (VIII-06) and PCC.I/RES. 104 (IX-06).
4. To appoint the Administrations of El Salvador and Peru as Vice-Chairs of the PCC.I.
5. To send a thanks note to the Chairs of the Working Groups of the PCC.I in operation during the period 2002-2006 for the excellent work carried out.

¹ CCP.I-TIC/doc. 1983/10 rev.1

ANNEX 1 TO RESOLUTION PCC.I / RES. 163 (XVI-10)

1. Working Group on Policy and Regulation (WGPR)

Authorities

CHAIR: Guatemala

VICECHAIRS: United States of America, Paraguay

Mandate

The Working Group on Policy and Regulatory Considerations (WGPRC) shall provide a forum where Member States and CITELE Associate Members can discuss and exchange information about regulatory aspects and telecommunications/ ICT policies emerging from the telecommunications/ICT in existence and changing environment of telecommunications/ICT. This Working Group shall prepare reports, proposals and guides to be considered by CITELE members and whenever necessary it shall coordinate the drafting of common proposals to be submitted before international fora.

Terms of reference²

- a. To promote the coordination, planning, and consensus among Member States with respect to tariff and economic matters, as well as to draw up recommendations on economic aspects and tariff principles of telecommunications/ICT services.
- b. To develop studies on the economic aspects and tariff principles of the telecommunications systems/ICTs and to examine the need for new or adapted charging and accounting mechanisms for the provision of such services in the Region.
- c. To study the requirements for conformity assessment procedures for telecommunication equipment in the different CITELE countries, including analyses for the possible harmonization of such processes in this Region, allowing, among other purposes, for the implementation of the Inter-American Mutual Recognition Agreement for Conformity Assessment of Telecommunications Equipment.
- d. To coordinate Regional arrangements for specific ITU events, as appropriate, such as the World Telecommunication Standardization Assemblies and the World Conferences on International Telecommunications, including the preparation of inter-American proposals (IAPs) and common positions, and to conduct interRegional consultations in preparation for these events.
- e. To raise awareness among the Member States of the status of regulations of new telecommunication networks and services in order to promote discussion of the topic and provide recommendations on how to implement an efficient, fair, functional, and forward-looking regulatory framework that serves the countries of the Region and can be adapted to the constantly evolving technological conditions and encourage the development of infrastructure, innovation, competition and legal certainty.

² CCP.I-TIC/doc. 1988/10 rev.2

f. To perform studies on government policies, including those associated with the management of ccTLD, the comparative analysis on the experiences that identify the best practices in the countries of the Region, as well as the ones relating to Internet public policy aspects.

g. To study aspects related to the prevention, detection, policies and action as regards fraud and regulatory non-compliance practices in the telecommunications/ICT service provisioning, by recommending the best practices that allow minimizing the impact for Member States, users and operators.

h. To draft best-practice guides regarding the relationship between service users and providers.

i. To develop studies and mechanisms making it possible to implement international roaming for mobile telecommunications in the Americas Region in order to facilitate and improve access to services.

Structure

1.1 Rapporteurship on the “Rights of users of public telecommunication services”³

Authorities

RAPPORTEUR: Dominican Republic

Mandate

To disseminate, among Member States, the best practices, policies and procedures related to the rights of users of public telecommunication services.

Terms of reference

a. To encourage the participation of Member States in this group.

b. To design and forward to CITELE Member States the questionnaire about the policies in force on the rights of users of public telecommunication services.

c. To identify papers and policies of other countries and international organizations.

d. To create a Technical Notebook including topics related to relevant regulations and procedures in favor of users.

1.2 Rapporteurship on “Internet issues”

Authorities

RAPPORTEUR: Argentina

Mandate

³ CCP.I-TIC/doc. 1986/10 rev.7

To focus on the study of governmental policies and experiences related to ccTLD, gTLD and IP address block management including a comparative analysis of these experiences to identify the “Best Practice” cases in the countries of the Region, and also aspects relevant to Internet development, working closely with the Internet technical community.

Terms of reference

- a. To continue working with the Member States and Associate Members to collect information on Internet Resources, including, but not limited to: ccTLD, gTLDs and IP address block management, including the activities of other competent entities.
- b. To analyze the policies of the Region on IP address block management.
- c. To follow up the activities of ICANN and other relevant organizations.
- d. To follow up on the tasks performed by the Group of the United Nations Secretary General on Internet Governance jointly with the Rapporteurship on Economic Aspects of telecommunications/ICT of the the Working Group on Policy and Regulation.
- e. To develop topics pertinent to Internet development and relevant to the associate members.
- f. To conduct on-site or distance-learning seminars, workshops and conferences to keep PCC.I members informed on and trained in Internet and its technologies.

1.3 Rapporteurship on “Convergence”

Authorities

RAPPORTEUR: Uruguay
CO-RAPPORTEUR: Argentina

Mandate

To conduct a research, from a regulatory approach, into the prevailing reality at an international level, and in particular, that of member countries, regarding convergence-related topics in order to issue reports and recommendations that contribute to adjusting the regulatory framework to a convergence context.

Terms of reference

- a. To identify the available information on the topic at an international level, and in particular, in the Americas Region.
- b. To draw up a document containing an analysis of the information collected, and based on such information, to propose the scope of the concept of convergence and its different categories.
- c. To propose specific recommendations regarding the adjustment of the regulatory frameworks.
- d. To assess, on the basis of the findings of the research, the need to add modifications to the Blue Book on convergence-related topics.

1.4 Rapporteurship on “Roaming”

Authorities

RAPPORTEUR: Peru

Terms of reference

- a. To gather views of the membership of PCC.I on international mobile roaming in order to help facilitate increased access to roaming services to a broader segment of the population.
- b. To identify relevant elements on which to focus in order to improve roaming services. These elements may include, but not be limited to,
 - a. A review of the impact of tax systems on mobile roaming rates, particularly double taxation.
 - b. Standardized formats for information exchange.
 - c. Prepaid roaming platform.
 - d. NRTSDE (Near Real Time roaming Data Exchange)
 - e. Calling Line Identification recognition.
 - f. Global roaming Quality implementation.
 - g. Development of an IP Multimedia Sub-System Regional platform.
 - h. Liberalization of International Gateways.
 - i. Bypass Fraud.
 - j. Unnoticed cross-border roaming.
 - k. Identification and analysis of local cross-border roaming zones.
 - l. Development of public policies and regulations to foster new solutions and accelerate improvement of telecommunication services.
 - m. Review of state-of-the-art technologies which could assist expansion of international roaming services.
- c. To consider developing best practices for providing roaming service information to consumers.
- d. To identify market developments that have occurred within administration, Regions and globally that have contributed to a reduction in roaming rates for consumers.
- e. To consider the implications of regulatory measures, such as liberalization of international gateways, on roaming tariffs.
- f. To consider the implications of pre-paid and post-paid roaming services on rates.
- g. To review studies and discuss measures and policies proposed by regulators, operators, government bodies, and other entities (such as associations and expert groups).
- h. To request, gather, classify and evaluate information from inter-American organizations, which are part of the Inter-American System, as well as from other organizations that are currently working or are interested in the development of the Roaming International Service in the Americas, such as the Latin American Forum of Telecommunications Regulators (REGULATEL), the Telecommunications Regional Technical Commission of Central America (COMTELCA), and the industry.

- i. To instruct the Rapporteur to act jointly with the PCC.I Chair and CITELE Executive Secretary to request international organizations to obtain the funding to support the work of the Rapporteurship.
- j. To instruct the CITELE Secretariat to serve as the point of contact with international financial institutions in support of this initiative.
- k. To participate actively in the various roaming procedures carried out at the Regional level.
- l. To coordinate with the Permanent Consultative Committee II: Radio communications, including Broadcasting.
- m. To identify and evaluate experiences, including international agreements, of Member States of CITELE which promote the development of cross-border international roaming services.
- n. That these Terms of reference recognize that work is currently underway within other organizations, for example, ITU-T Study Group 3, the Organization for Economic Cooperation and Development (OECD), the European Regulators Group (ERG), the Asia Pacific Economic Cooperation/Telecommunication (APECTEL), and MERCOSUR, the Andean Community of Nations (CAN) and the Central American Integration System (SICA). The results of these works should be considered by the rapporteur as they become available
- o. To coordinate and establish links with organizations forming part of the inter-American development system, such as the IDB, and other Regional and sub Regional institutions and organizations, in order to develop and promote international roaming services in the Region
- p. To undertake the development of surveys and organize workshops, as appropriate and agreed to by CITELE PCC.I Plenary.

1.5 Rapporteurship on “Regulatory non-compliance practices and fraud Control in telecommunications/ICT”

Authorities

CO-RAPPORTEURS: Argentina, Colombia

Mandate

- a. To study and recommend strategies and best practices to detect and reduce fraud in the area of telecommunications/ICTs.
- b. To identify the main regulatory non-compliance behaviors that currently affect the normal development of telecommunications/ICT activities, for their subsequent analysis from a primarily technical and legal perspective, while discussing the best procedural practices, both for the regulator and the providers themselves, for the rapid and efficient interruption of the regulatory non-compliance behaviors and the applicable administrative sanction for the perpetrators.

Terms of reference

- a. To study the various fraud modalities and unauthorized accesses to networks observed in the provision of telecommunication services.

- b. To define strategies and best practices to increase network security in order to minimize the effects of fraud and unauthorized accesses.
- c. To promote the Regional dialogue and exchange of information on telecommunication fraud and unauthorized accesses.
- d. To promote the application of the recommendations issued by PCC.I in the area of fraud control and regulatory non-compliance practices in the Region.
- e. To encourage user protection schemes which improve the user situation in the case of fraudulent actions.
- f. To define the concept of regulatory non-compliance practices and their scope.
- g. To analyze the regulatory non-compliance practices that affect telecommunication activities through the violation of regulations that govern telecommunication service provision.
- h. To investigate the causes of the occurrence and proliferation of regulatory non-compliance practices
- i. To establish guidelines for the control of regulatory non-compliance practices, at the regulator level, with the purpose of protecting the quality and security of communications.
- j. To issue recommendations to PCC.I Members regarding the adoption of action policies, with the purpose of setting common procedures to fight regulatory non-compliance practices.

1.6 Rapporteurship on “Mutual recognition agreements and conformity assessment procedures”

Mutual recognition agreements

Authorities

RAPPORTEUR: Canada

Mandate

To encourage the implementation of the CITELE Mutual Recognition Agreement, which can serve as an instrument to facilitate efficient trade of telecommunications equipment in the Region, to promote an effective regulatory cooperation, as well as to collaborate in the establishment of consistent procedures of market surveillance and exchange of information for the purpose of protecting the integrity of the telecommunication market in the Region.

Terms of reference

- a. To continue the implementation of the Inter-American Mutual Recognition Agreement for conformity assessment of telecommunications equipment (MRA).

- b. To maintain and to support the MRA database to store information relevant to the implementation of the MRA.
- c. To cooperate and to maintain liaison with other Regional groups, the APEC TEL group in particular, in the implementation of the MRA.
- d. To study the market surveillance practices in the Region.

Conformity assessment procedures

Authorities

RAPPORTEUR: Mexico

Terms of reference

- a. To maintain the discussion group on the “Yellow Book on Conformity Assessment Procedures Telecommunication products in the Americas” in CITEL’s electronic forum in order to include the necessary information for the corresponding document update.
- b. To study the requirements of the telecommunication equipment conformity assessment process in the different Member States.

1.7 Rapporteurship on “Economic aspects of telecommunications/ICTs”

Authorities

RAPPORTEUR: Argentina

Mandate

To develop studies on the economic aspects and principles governing rates and/or prices of telecommunications/ICT services and analyze the need for new or adapted charging and accounting mechanisms for the delivery of those services in the Region. Furthermore, conduct best practices that can be considered in the regulatory frameworks of the member countries.

Terms of reference

- a. To identify, study and assess cost models for the different telecommunications/ICT services; prioritizing the experience in the Region as well as the needs of member countries, permanently assessing the impact of new technologies.
- b. To identify, study and assess the economic aspects of the services based on new generation networks in the countries of the Region, considering the impact on the economic growth of the sector, and potential costs and savings.
- c. To study the economic aspects regarding tariffs and prices, access charges, interconnection, etc, considering the impact of new generation networks.

- d. To identify, study and assess the different factors of the telecommunication activity, its impact on economic growth and income distribution.
- e. To study the economic aspects related to the Internet in the Americas (Internet International Connectivity and Traffic Flow Methodologies).
- f. To study the competitiveness of the telecommunication markets, including the effect of anti-trust practices and regulatory measures for their prevention.
- g. To consider the activities of the ITU-T Study Group 3 so that CITELE contributions can be submitted.

1.8 Rapporteurship for the “preparation of WTSA and WCIT”

Authorities

CO- RAPPORTEURS: Argentina, Mexico

Mandate

To coordinate Regional preparation for the World Telecommunication Standardization Assembly (WTSA) and the World Conference on International Telecommunications (WCIT), including the preparation of Inter-American Proposals (IAP) and common positions as well as doing inter-regional consultations for the preparation of those events.

Terms of reference

- a. To identify the issues that are relevant for the Region as regards the ITU Telecommunication Standardization Sector (ITU-T) and to discuss possible solutions and draw up proposals to address those issues.
- b. To coordinate Inter-American Proposals to be submitted to the WTSA by CITELE.
- c. To follow-up on the ITU tasks on the International Telecommunication Regulations in order to coordinate Inter-American Proposals for the World Conference on International Telecommunications (WCIT).

2. Working Group on Development (WGD)

Authorities

CHAIR: Mexico
VICECHAIRS: Uruguay

Mandate

The Working Group on Development (WGD) will identify specific actions aimed at reducing the digital divide and encouraging the universalizing of telecommunications/ICT that enable the development of a network infrastructure, access to new services, and technology and knowledge transfer, to promote economic, social and cultural development.

*Terms of reference*⁴

- a. To identify, formulate and carry out development projects that contribute to the improvement of telecommunications in the Region and capacity-building, as well as coordinate the search for resources from international organizations, non-governmental organizations, and private industry.
- b. In coordination with the Coordination Center for the Development of Human Resources of the Permanent Executive Committee of CITELE (COM/CITELE), to identify needs for human capacity development, and to prepare the telecommunication training program of CITELE.
- c. To promote the transfer of knowledge and the scientific and technological cooperation among CITELE Member States and associate members, through the access and appropriation of telecommunications/ICT services to reduce the digital divide, in the pursuit of social inclusion.
- d. To formulate and implement projects promoting the development of indigenous peoples and communities, unattended groups and groups with specific needs in the area of telecommunications/ICT, facilitating its access, use and social appropriation.
- e. To propose, develop and disseminate strategies that allow telecommunication infrastructure, including emergency communications, to be identified as a decisive factor in natural disaster prevention, mitigation, aid, relief, and reconstruction actions.
- f. To follow up on the work done in the Telecommunication Development Sector of the International Telecommunication Union and, to the extent possible, to submit proposals in its Study Groups, as well as collaborate with the Conference Preparatory Working Group of COM/CITELE in the formulation of Inter-American Proposals for the World Telecommunication Development Conference (WTDC) of the ITU in order to promote the evolution of telecommunication networks in the countries of the Americas.
- g. To implement and follow up on the cooperation agreements with other international organizations that address topics of interest to the Committee with the purpose of consolidating the relationship with those organizations and of expediting the information exchange and the possible joint works.
- h. To promote the development of telecommunications/ICT applications that improve the quality of life of the inhabitants in the Region through the identification of needs that can be met with the use and appropriation of telecommunications/ICT, identifying their impact in the Region.

*Structure*⁵

2.1 Rapporteurship on the "use of telecommunications in the prevention and mitigation of Catastrophes and Disasters"

⁴ CCP.I-TIC/doc. 1987/10 rev 3

⁵ CCP.I-TIC/doc. 1987/10 rev 3

Authorities

RAPPORTEUR: United States of America

CO-RAPPORTEUR: Chile

Mandate

To propose and develop recommendations and provide information to CITELE Member States that enable telecommunication infrastructure to be used as a decisive factor in disaster prevention, mitigation, relief, and reconstruction actions.

Terms of reference

- a. To develop Recommendations to ensure the least impact on the telecommunication sector in the event of disasters.
- b. To coordinate between Member States for the restoration of telecommunications/ICT services.
- c. To advice for telecommunication network reconstruction.
- d. To support the efforts made by the ITU worldwide, as regards the Administrations' design and implementation of Recommendations prior, during and post occurrence of a natural disaster.

2.2 Rapporteurship on "Matters of common interest to CITELE and other organizations"

Authorities

RAPPORTEUR: Argentina

Mandate

To focus in the identification and the study of matters of common interest to CITELE and other organizations in pursuit of the implementation of Cooperation Agreements, as well as provide follow-up to those Agreements in existence, with the objective of advancing in the preparation of joint projects and activities beneficial to the development of the Region.

Terms of reference

- a. To identify organizations dealing with matters of common interest with that of CITELE, with the objective of establishing Cooperation Agreements in development areas.
- b. To analyse those existing Cooperation Agreements with the objective of identifying specific topics of interest for the Working Group.
- c. To propose the development of joint projects.
- d. To establish links with other organizations who have already advanced in similar cooperation agreements, as necessary, with the goal to advance the tasks.

2.3 Rapporteurship on “ICTs for social inclusion”

Authorities

RAPPORTEUR: Dominican Republic

Mandate

To analyze and research the problems of the digital divide with the objective of outlining specific actions aiming for a reduction on the same, promoting the social inclusion and appropriation of telecommunications/ICT, taking into consideration the needs of the social groups, minorities or vulnerable.

Terms of reference

- a. To evaluate the needs of social groups with specific problems associated with the access, use and appropriation of ITC's, promoting in this manner their social inclusion.
- b. To encourage intellectual and socio cultural development, through the use of new technologies and its possible applications, taking into consideration the background and best practices with the objective of reaching concrete projects.
- c. To identify and propose indicators with the objective of evaluating the impact of the actions to reduce the digital divide.
- d. To encourage the participation of the civil society and similar organizations, taking into consideration the input that they might do for the work of by the Rapporteurship.

3. Working Group on Deployment of Technologies and Services (WGDTS) ⁶

Authorities

CHAIR: Canada

VICE-CHAIRS: Argentina, United States of America

Mandate

The Working Group on Deployment of Technologies and Services will focus on topics related to the introduction of telecommunications/ICT services on traditional networks as well as next generation and convergence networks, aimed at satisfying the needs of Member States and users in collaboration with associate members.

The Group will also produce and recommend guidelines for the adoption and implementation of standards, conformity assessment and interoperability, as well as, deployment frameworks, methodologies

⁶ CCP.I-TIC/doc. 1989/10 rev.1 cor.1

and best-practices for cyber security, numbering, climate change, advanced services/applications and infrastructures that best serve the current and future needs of the users of networks throughout the Region.

Terms of reference

- a. To identify and evaluate technical issues relating to the service, architecture and protocol standards, and their conformity assessment, required for interconnection 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 develop frameworks, architectures and scenarios to foster the enhanced understanding of new infrastructures, services and related technologies in the Region of the Americas - how they interrelate, and how they contribute to network, service and application convergence and evolution.
- c. To study the security aspects related to telecommunication networks and ICTs, governmental and nongovernmental, its role in supporting other critical infrastructures, the role of the private sector in securing the communication network, and domestic and Regional approaches required in the Region of the Americas on this matter.
- d. To identify and evaluate technical issues related to Numbering Plans for the network evolution and new services, and to meet the demand of numbering resources to support convergent networks.
- e. To identify and assess the impact of ICTs on Climate Change, in particular the reduction of ICTs own emissions over the entire lifecycle (direct impact), the mitigation that follows through the adoption of ICTs in other relevant sectors (indirect impact), and facilitating the monitoring of relevant climate parameters.
- f. To establish liaisons with other standards organizations and industry fora as necessary to advance the work.

Structure

3.1 Rapporteurship on “Standards, Conformity and Interoperability”

Authorities

RAPPORTEUR: United States of America

Mandate

To study Information and Communication Technology (ICT) standards development activities and the conformity of products and network deployments to ICT standards. Focus on the continued evolution toward converged networks with the intent to ensure interoperability of network equipment, networks, and services.

To produce documentation (e.g., Standards Coordination Documents and Technical Notebooks) that facilitates information sharing and raises awareness of the standards development, conformity assessment and interoperability activities that best serve the current and future needs of the users of these networks throughout the Region.

Terms of reference

- a. To identify and evaluate technical issues related to Information and Communication Technology (ICT) standards required for the interconnectivity and interoperability of existing and future networks (wireline and wireless) across the Region. To draw primarily on the work of existing standards-setting bodies, including the ITU-T, IETF, and other fora as appropriate.
- b. To recommend endorsement and deployment of those specific ICT standards that are judged to have particular and significant impact for the Americas Region. These standards include, but are not limited to, the following topics:
 - Next Generation Networks (architectures, services, protocols);
 - Mobile telecommunications (wireless Internet, convergence of mobile and fixed networks; LTE, mobility management, mobile multimedia network functions and services);
 - Information and communication network security (cyber security, identity management, fraud prevention, etc.);
 - Multimedia service definitions and architectures (including IPTV);
 - Home networking;
 - Management of communications services, networks and equipment;
 - Emergency telecommunications;
 - Access and network transport (Wireless LANs, xDSL, cable modem, optical fiber, etc.);
 - Performance, Quality of Service (QoS), Quality of Experience (QoE).
- c. To study the mechanisms and methodologies that assist in the evaluation of product and network conformity to existing standards (test specifications, protocol implementation conformity statements, etc.).
- d. To study the selections of standards/options that maximize interoperability and the testing programs that verify particular interworking and interoperability scenarios.
- e. To identify, on a timely and ongoing basis, issues and impediments in assessing product conformity with standards and in ensuring interoperability.
- f. To conduct studies on the application of technical regulations in aspects related to security and the protection of human life, the telecommunication infrastructure and the radioelectric spectrum, as well as those related to network interoperability and service quality.
- g. To identify recommendations and technical standards issued by the ITU and other standardization organizations that may be incorporated as technical regulations by Member States.
- h. To develop effective mechanisms to facilitate the regulatory cooperation among member states, including the compatibility of technical regulations.
- i. To develop Technical Notebooks that facilitate information sharing and raise awareness of the ICT standards development, conformity assessment and interoperability activities that best serve the current and future needs of the users of these networks throughout the Region.
- j. To establish liaisons with other standards bodies and industry fora as necessary to progress the work.

3.2 Rapporteurship on “Network Infrastructure and Service Deployment”

Authorities

RAPPORTEUR: Paraguay

Mandate

To focus on the development of frameworks, architectures and scenarios to foster the enhanced understanding of new networks and related technologies in the Region of the Americas, how they interrelate, and how they contribute to network and service convergence and evolution. It will make specific recommendations (e.g., Technical Notebooks) and related policy guidelines that best serve the current and future needs of the users of telecommunications networks throughout the Region.

Terms of reference

- a. To develop frameworks, architectures and scenarios to foster the enhanced understanding of new networks and related technologies in the Region of the Americas - how they interrelate, and how they contribute to network and service convergence and evolution.
- b. To investigate, report on, and raise awareness of new network technologies, such as Next Generation Networks and Broadband Access, and advanced services, particularly those supported by IP, such as Cloud Computing and Smart Grids; and their application among the Member States of the Region.
- c. To develop Technical Notebooks and related policy guidelines that best serve the current and future needs of the users of telecommunications networks throughout the Region.
- d. To identify, on a timely and ongoing basis, obstacles that could prevent full interoperability of networks throughout the Americas and to report on these to the Working Group.
- e. To establish liaisons with other industry fora as necessary to progress the work.

3.3 Rapporteurship on “Cybersecurity and Vulnerability Assessment”

Authorities

RAPPORTEUR: United States of America

Mandate

To study the security aspects related to communication network development, its role in supporting other critical infrastructures, the role of the private sector in securing the communication network, and domestic and Regional approaches required in the Americas Region on this matter. Assessing the current work undertaken in the OAS, ITU, and other fora on issues pertaining to the security and critical infrastructure communication networks across the Region. This issue should cover, but not be limited to:

- To develop domestic and Regional approaches to network security, deployment strategies, information exchange, and outreach to the public and the private sector.
- To review the various frameworks and guidelines on networks and cyber security and their applicability within the Americas Region.
- To foster dialogue regarding the work of the ITU (i.e., Study Group 17) and other relevant fora on networks and cyber security.

Terms of reference

- To develop domestic and Regional approaches to network security, deployment strategies, information exchange, and outreach to the public and the private sector:
 - To collect Regional best practices for network communication and infrastructure protection, taking into account ongoing activity in the ITU-D sector (question 22/1).
 - To review the various frameworks and guidelines on network and cyber security and their applicability within the Americas Region.
- To foster cooperation among Member States on aspects related to network security:
 - To help Administrations to encourage network and service providers to implement technical standards for secure networks.
- To identify and evaluate implementation and policy issues relating to standards required for security of existing and future communications networks (wireline and wireless) across the Region. This task will draw primarily on the work of ITU-T (especially the security Study Questions of SG 17), other existing standards-setting bodies, including the IETF, and Regional Standard Development Organizations (SDOs) will also be considered, as appropriate.
- To identify, on a timely and ongoing basis, obstacles to implementation of security measures in the networks of the Region.
- To establish liaisons with other standards bodies and industry fora as necessary to advance work on the OAS mandates.

3.4 Rapporteurship on Telecommunications Numbering and Addressing

Authorities

RAPPORTEUR: Brazil

Mandate

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

Terms of reference

- a. To identify and evaluate technical issues related to Numbering Plans for the network evolution and new services.
- b. To identify Recommendations of the ITU and other bodies and fora as appropriate.
- c. To establish liaisons with other standard bodies and industry fora as necessary to advance the work.
- d. To develop studies on the impact of new services on convergent networks.
- e. To study topics related to services, numbering systems and addressing.
- f. To elaborate best practices guidelines of Numbering Plans.
- g. To study and evaluate technical issues related to portability.

3.5 Rapporteurship on “ICTs, Environment and Climate change”

Authorities

RAPPORTEUR: Ecuador

Mandate

To investigate global efforts to fight climate change, the increase in the use of renewable energy supplies and green policies and procedures for the management of technology waste.

To encourage member countries to implement programs for the reduction of GHG (Greenhouse Gases) with the objective of developing reports, best practices and recommendations that serve as a reference for CITEL member countries.

Terms of reference

- a. To identify and assess the impact of ICTs on the environment and Climate Change, in particular the reduction of ICTs own emissions over their entire lifecycle (direct impact), the mitigation that follows through the adoption of ICTs in other relevant sectors (indirect impact), and facilitate the monitoring of relevant climate parameters.
- b. To conduct analysis and produce recommendations related to the electromagnetic compatibility for telecommunication equipment and their installations, safety of personnel that operate telecommunications equipment against possible harm by high voltage and avoid health risks from electromagnetic fields emitted by telecommunications equipment.
- c. To identify information already developed by the different international organizations with the objective of performing a benchmark and tailor them to the Regional needs.
- d. To propose recommendations for technology waste management.
- e. To propose mechanisms intended to protect the environment, for example, electronic information transfers which reduce paper consumption, digital video and photography management to eliminate chemicals that have carcinogenic effects (reduce consumption of tapes and plastics), electrical appliances

with remote controls, home energy saving, distance learning, telemedicine to reduce transfers and contaminant materials.

ANNEX 2 TO RESOLUTION PCC.I/ RES. 163 (XVI-10)

POLICIES AND REGULATION	DEVELOPMENT	DEPLOYMENT OF TECHNOLOGIES AND SERVICES
<ul style="list-style-type: none"> • Economic and Regulatory Aspects of Telecommunications/ ICTs • Convergence • Preparation of the WTSA WCIT • Internet Aspects • User Rights • Roaming • Mutual Recognition Agreements and Conformity assessment procedures • Control of Fraud and regulatory non-compliance practices 	<ul style="list-style-type: none"> • Digital divide • Access and Inclusion • Capacity Building • Use of ICTs for Disaster Prevention and Mitigation • Collaboration with UPAEP • ICTs applications 	<ul style="list-style-type: none"> • Technical Regulation • Standards and Interoperability • Environment and Climate Change • Infrastructure • Services • Mobility • Cybersecurity • Numbering and Addressing in Telecommunications