

The XII Meeting of the Permanent Consultative Committee I: Telecommunications,

**DECIDES:**

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| <b>PCC.I/DEC. 80 (XII-08) <sup>1</sup></b> | <p>To approve the Work Plan of PCC.I for the period 2008-2009 that is included in the Annex.</p> <p style="text-align: center;"><b>ANNEX TO DECISION PCC.I/DEC. 80 (XII-08)</b></p> <p><b>1. WORKING GROUP ON TECHNOLOGY</b></p> <p><b>1.1 Rapporteur Group on Standards Coordination</b></p> <p><b>Work Plan:</b></p> <p><b>XII PCC.I Meeting (2008)</b></p> <p>a) Assess progress on Next Generation Networks (NGN) service, architecture, and protocol standards and recommend the adoption of Standards Coordination Documents (SCDs) as appropriate – (e.g., Emergency Telecommunication Service standards).</p> <p>b) Review status of the service, architecture and protocol standards related to Digital TV Broadcast/Multicast and IPTV and create SCDs, as appropriate.</p> <p>c) Assess progress on convergence standards – specifically NGN and IMS standards and the standards supporting service and application development.</p> <p>d) Review status of the security and critical infrastructure protection standards and create SCDs, as appropriate.</p> <p>e) Update the Technical Notebook, “Next Generation Networks – Standards Overview” with standards work on new technologies discussed.</p> <p><b>XIII PCC.I Meeting (2008)</b></p> <p>a) Assess progress on security standards and create Standards Coordination Documents (SCDs), as appropriate.</p> <p>b) Review status of the standards related to IPTV and create SCDs, as appropriate.</p> |
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<sup>1</sup> CCP.I-TEL/doc. 1358/08 rev.1

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|  | <p>c) Review status of the Application/Service standards and create SCDs, as appropriate.</p> <p>d) Assess progress on wireless broadband access standards (e.g., WiMAX).</p> <p>e) Update the Technical Notebook, “Next Generation Networks – Standards Overview” with standards work on new technologies discussed.</p> <p><b>XIV PCC.I Meeting (2009)</b></p> <p>a) Assess progress on Identity Management, and create Standards Coordination Documents (SCDs), as appropriate.</p> <p>b) Review status wireless broadband access standards (e.g., WiMAX) and create SCDs, as appropriate.</p> <p>c) Consider initiating studies of NGN converged QoS framework standards (e.g., Resource and Admission Control Functions—RACF).</p> <p>d) Update the Technical Notebook, “Next Generation Networks – Standards Overview” with standards work on new technologies discussed.</p> <p><b>XV PCC.I Meeting (2009)</b></p> <p>a) Review status of Intelligent Transportation Systems (ITS) and standardization activities in progress.</p> <p>b) Review status of RFID technology and standardization of sensor/monitoring networks.</p> <p>c) Assess progress on NGN converged QoS framework standards (e.g., Resource and Admission Control Functions—RACF), and create SCDs, as appropriate.</p> <p>d) Update the Technical Notebook, “Next Generation Networks – Standards Overview” with standards work on new technologies discussed.</p> <p>e) Reassess current Work Plan based on new developments in the telecommunications environment and propose a new work plan if necessary.</p> |
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|  | <p><b>1.2 Rapporteur Group on Infrastructure</b></p> <p><b>Work Plan:</b></p> <p><b>XII PCC.I Meeting (2008)</b></p> <ul style="list-style-type: none"> <li>a) Assess the evolution of technology advances of Next Generation Networks.</li> <li>b) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.</li> <li>c) Update Technical Notebook Technical Notebook on Broadband Access Technologies.</li> <li>d) Continue developing the Technical Notebook on Power Line Communication (PLC) Technology.</li> </ul> <p><b>XIII PCC.I Meeting (2008)</b></p> <ul style="list-style-type: none"> <li>a) Continue work on the assessment of technology advances of Next Generation Networks,</li> <li>b) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks,</li> <li>c) Update Technical Notebook Technical Notebook on Broadband Access Technologies,</li> <li>d) Update Technical Notebook on Power Line Communication (PLC) Technology.</li> </ul> <p><b>XIV PCC.I Meeting (2009)</b></p> <ul style="list-style-type: none"> <li>a) Consider the creation of a Technical Notebook on Technology Advances of Next Generation Networks.</li> <li>b) Update Technical Notebook Technical Notebook on Broadband Access Technologies.</li> <li>c) Update Technical Notebook on Power Line Communication (PLC) Technology.</li> </ul> <p><b>XV PCC.I Meeting (2009)</b></p> <ul style="list-style-type: none"> <li>a) Update Technical Notebook Technical Notebook on Broadband Access Technologies.</li> <li>b) Update Technical Notebook on Best Practices and Case Studies for Next Generation Networks.</li> </ul> |
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|  | <p>c) Update Technical Notebook on Power Line Communication (PLC) Technology.</p> <p>d) Reassess current Work Plan based on new developments in the telecommunications environment and propose a new work plan if necessary.</p> <p><b>1.3 Rapporteur Group on Advanced Services</b></p> <p><b>Work Plan:</b></p> <p><b>XII PCC.I Meeting (2008)</b></p> <p>a) Assess the evolution of advanced services and propose studies of those services most widely deployed.</p> <p>b) Update Technical Notebook on “Study on characteristics of voice based networks using IP”.</p> <p>c) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.</p> <p><b>XIII PCC.I Meeting (2008)</b></p> <p>a) Consider the creation of a Technical Notebook on Emergency Services provided on Next Generation Networks.</p> <p>b) Continue with the assessment the evolution of advanced services and propose studies of those services most widely deployed.</p> <p>c) Initiate studies of the ways the countries of the region are evolving towards the convergence of services (e.g., wireless-wired, PSTN-IP based networks, etc.).</p> <p><b>XIV PCC.I Meeting (2009)</b></p> <p>a) Update Technical Notebook on Study on characteristics of voice based networks using IP – Technology Aspects.</p> <p>b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.</p> <p>c) Continue with the assessment the evolution of advanced services and propose studies of those services most widely deployed.</p> <p>d) Review status of fixed-mobile convergence and its related advanced services.</p> |
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|  | <p><b>XV PCC.I Meeting (2009)</b></p> <ul style="list-style-type: none"> <li>a) Update Technical Notebook on Study on characteristics of voice based networks using IP – Technology Aspects.</li> <li>b) Update the Technical Notebook on Practical Cases of Internet Protocol Television (IPTV) Technology.</li> <li>c) Continue with the assessment the evolution of advanced services and propose studies of those services most widely deployed.</li> <li>d) Reassess current Work Plan based on new developments in the telecommunications environment and propose a new work plan if necessary.</li> </ul> <p><b>2. WORKING GROUP ON POLICY AND REGULATORY CONSIDERATIONS</b></p> <p><b>2.1 Rapporteur Group on issues relative to Internet resources</b></p> <p><b>Work Plan:</b></p> <p><b>XIII and XIV PCC.I Meeting (2008-2009)</b></p> <ul style="list-style-type: none"> <li>a) Update ccTLDs in the region.</li> <li>b) Generate a partial report on the IP address block management situation in CITEC countries.</li> <li>c) Generate a document on regional policies.</li> <li>d) Generate two reports on the follow up of ICANN activities, a partial one in the XIII meeting and an advanced one in the XIV meeting.</li> <li>e) Follow up on the UN General Secretary Group for Internet Governance coordinated by the WG on Economic and Tariff Issues.</li> </ul> <p><b>2.2 Rapporteur Group on Telecommunications Economic Aspect</b></p> <p><b>Work Plan:</b></p> <p><b>XIII and XIV PCC.I Meeting (2008-2009)</b></p> <ul style="list-style-type: none"> <li>a) Monitor economic aspects associated to Internet in the Americas (International Internet Connectivity and Traffic Flow Methodologies).</li> <li>b) Update the Technical Notebooks on the economic aspects related to power-line network utilization (PLC) for telecommunication service provision and financing mechanisms for telecommunication service provision to people with impaired capacities.</li> </ul> |
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- c) Continue studying different economics aspects.

### **2.3 Rapporteur Group on Cybersecurity & Critical Infrastructure**

#### **Work Plan:**

#### **XIII and XIV PCC.I Meeting (2008-2009)**

- a) Solicit further input from CITEL membership for the Technical Notebook to facilitate discussion of regulatory and policy aspects of cybersecurity.
- b) Explore possible regional best practices to develop a culture of cybersecurity in the Americas.
- c) Identify various frameworks for national action for cybersecurity in the Americas.
- d) Identify elements of existing national cybersecurity frameworks.

### **2.4 Rapporteur Group on Mutual Recognition Agreements and Conformity Assessment Procedures**

#### **Work Plan:**

#### **XIII and XIV PCC.I Meeting (2008-2009)**

- a) Support all member states in their MRA implementation efforts.
- b) Finish the Yellow Book on Telecommunication Equipment Conformity Assessment Processes in the Americas.
- c) Develop guidelines on conformity assessment policies and procedures aligned with ISO/IEC standards, appropriate for the possible application by CITEL member states.
- d) Develop a cooperation Program with other regions on their conformity assessment processes, and propose suitable solutions for the CITEL member states.

### **2.5 Rapporteur Group on Convergence**

#### **Work Plan:**

#### **XIII and XIV PCC.I Meeting (2008-2009)**

- a) Draw up and distribution of surveys on the current situation of convergence in member countries.

- b) Collect and analyze the information obtained by means of the surveys.
- c) Research and collect information on convergence and the regulatory frameworks and policies that they apply in domestic markets of countries other than CITEL members.
- d) Submit a status report in the next PCC.I meeting.
- e) Draw up and draft a final study report including proposals and guidelines on the regulatory framework and convergence policies.

## **2.6 Rapporteur Group for the Preparation of WTSA and WCIT**

### **Work Plan:**

### **XIII and XIV PCC.I Meeting (2008-2009)**

#### **World Telecommunication Standards Assembly**

- a) Consider the reports from Study Groups and ITU's Telecommunication Standardization Advisory Group in order to identify issues of interest to the region.
- b) Establish a discussion group in the electronic forum to receive contributions on the subject from member states and Associate Members.
- c) Follow up on regional activities (APT, CEPT, RCC, etc.) that take place as preparatory steps for WTSA.
- d) Propose and approve the IAP's to be presented in the World Telecommunication Standards Assembly
- e) Review the results of the World Telecommunication Standards Assembly

#### **World Conference on International Communications**

Consider the results of the Plenipotentiary Conference 2006 and, coordinate Common Inter-American Proposals, as applicable.

## **3. WORKING GROUP ON NETWORK OPERATION AND SERVICE PROVISIONING (GNOSP)**

### **3.1 Rapporteur Group on the Impact of New Services**

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|  | <p><b>Work Plan:</b></p> <p><b>XIII PCC.I Meeting (2008)</b></p> <ul style="list-style-type: none"> <li>a) Draw up a Technical Notebook on the impacts of new services.</li> <li>b) Distribute questionnaires to obtain information on the various services that can be implemented on NGN networks.</li> <li>c) Submit a draft resolution for the programs of workshops on the implementation of regional roaming and development and the start-up of IPTV in the Americas as the starting point for providing convergent services.</li> </ul> <p><b>XIV and XV PCC.I Meeting (2009)</b></p> <ul style="list-style-type: none"> <li>a) Develop the workshop on regional roaming at the first meeting of PCC.I for 2009.</li> <li>b) Develop, for the second meeting of PCC.I, to be held in 2009, the workshop on the problems that operators encounter as a result of the introduction of IPTV service.</li> <li>c) Incorporate the documents produced at the workshops into the Technical Notebook on the impacts of new services.</li> <li>d) Examine and provide the results obtained on the basis of the answers to the questionnaires on the various services that are provided on NGN networks.</li> </ul> <p><b>3.2 Rapporteur Group on Interconnection and Interoperability of Networks</b></p> <p><b>Work Plan:</b></p> <p><b>XIII PCC.I Meeting (2008):</b></p> <ul style="list-style-type: none"> <li>a) Correct the draft resolution to create the Technical Notebook on Network Interconnection and Interoperability, which must be submitted at the XIII meeting for adoption.</li> <li>b) Process the questionnaires received on NGN network operators and submit a report to the Working Group at the XIII meeting.</li> <li>c) The Co-Rapporteur shall work in coordination with the GTOPSINT discussion group on interconnection and interoperability of networks, which shall submit a report on the main discussion points dealt with, as well as observations and recommendations.</li> </ul> |
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|  | <p><b>XIV PCC.I Meeting (2009):</b></p> <p>On the basis of the results of the NGN network operators questionnaire and the discussion forum, a paper of guidelines, observations and recommendations shall be drawn up promoting network interconnection and interoperability between operators in a transparent fashion.</p> <p><b>3.3 Rapporteur Group on Fraud Control in Telecommunication Services</b></p> <p><b>Work Plan:</b></p> <p><b>XIII PCC.I Meeting (2008):</b></p> <ul style="list-style-type: none"> <li>a) Develop a third workshop on fraud in the region under the auspices of the World Bank.</li> <li>b) Send a questionnaire on inappropriate use of numbering resources in coordination with the CITEL Secretariat.</li> <li>c) Compile information from the above-mentioned questionnaire until the next PCC.I, by the Co-Rapporteur.</li> <li>d) Submit report on the status of data-gathering by the Co-Rapporteur.</li> <li>e) Submit proposal to hold the following workshops on fraud in the region.</li> <li>f) Submit progress report on the joint work conducted with IIRSA and IDB.</li> <li>g) Develop workshops at XV and XVI meetings of PCC.I.</li> <li>h) Establish joint working ties with other research entities such as CFCA, FIINA, GSM, and ITU on the topics of fraud for the purpose of obtaining important information for the members of CITEL.</li> </ul> <p><b>3.4 Rapporteur Group on Numbering and Addressing</b></p> <p><b>Work Plan:</b></p> <p><b>XIII PCC.I Meeting (2008):</b></p> <ul style="list-style-type: none"> <li>a) Hold a workshop on number portability.</li> <li>b) Submit the Technical Notebook on number portability.</li> </ul> |
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|  | <p><b>4. WORKING GROUP ON DEVELOPMENT</b></p> <p><b>4.1 Rapporteur for developing ICTs in areas and groups with unattended needs or with specific issues, which will deal with the following study questions:</b></p> <ul style="list-style-type: none"> <li>i. Indigenous peoples and communities.</li> <li>ii. People with disabilities.</li> <li>iii. Access to ICTs in areas or towns with unattended needs.</li> </ul> <p><b>Work Plan:</b></p> <p><b>XIII PCC.I Meeting (2008)</b></p> <p>Start-up of the compilation of information on national and international recommendations, commitments, and parameters.</p> <p><b>XIV PCC.I Meeting (2009)</b></p> <p>Submittal of the compilation of information on national and international recommendations, commitments, and parameters.</p> <p><b>XV PCC.I Meeting (2009)</b></p> <p>Holding a workshop on ICT development policies for areas or groups insufficiently serviced or under special situations to work on the following study questions.</p> <p><b>XVII PCC.I Meeting (2010)</b></p> <p>Issuance of public ICT development policies for areas or groups insufficiently serviced or under special situations to work on the following study questions.</p> <p><b>4.2 Rapporteur group on scientific and technological research and technology transfer</b></p> <p><b>Work Plan:</b></p> <ul style="list-style-type: none"> <li>a) Reiterate to all member delegations the request for information on the topics of this rapporteurship.</li> <li>b) Complete the database submitted at the XII Meeting on the basis of information of the administrations and those obtained by the members of the rapporteurship.</li> <li>c) Update information on science, technology and innovation organizations and institutions, as well as NGOs, networks, universities, technology centers and other organizations involved in the topics of this</li> </ul> |
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rapporteurship.

d) With the representatives of the member countries, monitor the accuracy of the information supplied and the establishment of contacts for technical cooperation with the organizations mentioned in item c).

e) Compile informative contributions from papers and initiatives produced by other organizations and institutions involved in scientific and technological research on telecommunications, which were submitted by the academic community at national and international congresses.

f) Establish ties with other science, technology, and productive innovation organizations of member countries in order to ensure the update of information, especially with the Office of Education, Science and Technology of the Organization of American States.

g) Support all members in their efforts to implement the search and subsequent transmittal of information.

h) Set up, through CITEL's web page, an online discussion group to receive the contributions made by member States and associate members on this topic.

i) Follow up on regional contents that develop activities related to scientific and technological research on telecommunications, for their subsequent inter-relation and coordination.

j) Make progress in drawing up agreements between CITEL and other institutions of the continent that develop, compile, or articulate information related to current and future knowledge about ICT-related technological and scientific topics.

k) Produce an interactive CD that can be updated and that brings together not only the databases stemming from the present rapporteurship, but also any other information that might reflect the progress made in cooperation and agreements implemented with other academic, scientific, and technological organizations and institutions. Make the CD available on CITEL's web site.

#### **Actions**

| <b>Activities</b>  | <b>Date</b>          |
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| 1. Encourage the administrations to make contributions to the Rapporteurship through the Discussion Group that has already been set up (item a). | XII Meeting of PCC.I |

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| 2. Identify the efforts made in other international organizations (item c).                                    | XIII Meeting of PCC.I |  |
| 3. Promote agreement between CITEL and ALTEC (Latin American Association of Technological Management) (item j) |                       |  |
| 4. Items e), b), f), h).   | XIV Meeting of PCC.I  |  |
| 5. Items i), j), k).   | XV Meeting of PCC.I   |  |
| 6. Culmination of activities (item k).   | XVI Meeting of PCC.I  |  |
| 7. Final delivery of CD.   | XVII Meeting of PCC.I |  |

**4.3 Question: General updated information on projects and initiatives related to ICT**

**Work plan:**

Technical Notebook or Reference Document that holds up-to-date general information on projects and initiatives in information and communication technologies for development in Latin America and the Caribbean that are relevant and pertain to the topics and sectors identified in the present Working Group.

**4.4 Rapporteur Group on the use of Telecommunications for Disaster Relief and Prevention**

| Activities   | Date                              |
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| 1. Encourage administrations to make contributions in the Rapporteurship through the Discussion Group that has already been created. | XI and XII Meeting of PCC.I       |
| 2. Identify efforts made in other international organizations.   | XI, XII and XIII Meeting of PCC.I |

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|  | 3. Structure the tables of contents of the Technical Notebook. | 2 months before XIV Meeting of PCC.I |
|  | 4. Submit Technical Notebook.                                  | XIV Meeting of PCC.I                 |
|  | 5. Update Technical Notebook                                   | XV Meeting of PCC.I                  |
|  | 6. Permanently update Technical Notebook                       | XVI and following meetings of PCC.I  |
| <p><b>4.5 Other initiatives related to WGD</b></p> <p><b>Work plan:</b></p> <p><b>XIII PCC.I Meeting (2008)</b></p> <p>a) Submit results of the questionnaire on the training needs of PCC.I.</p> <p>b) Submit proposals for workshops on topics of interest of the WGD.</p> <p><b>XIV PCC.I Meeting (2009)</b></p> <p>a) Submit proposal to conduct a study that would make it possible to draw up policies to improve connectivity in the region.</p> <p>b) Hold workshops on topics of interest of the WGD.</p> <p><b>XV PCC.I Meeting (2009)</b></p> <p>Submit questionnaires and working documents for the purpose of furthering the study on policies to improve connectivity in the region.</p> <p><b>XVI PCC.I Meeting (2010)</b></p> <p>a) Draw up a questionnaire that makes it possible to establish generally applied indicators and statistical definitions for the member States for the purpose of evaluating development-related telecommunication and ICT aspects.</p> <p>b) Hold workshops on topics of interest of the WGD.</p> |  |                                      |

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|  | <p><b>XVII PCC.I Meeting (2010)</b></p> <p>a) Submit the results of the study on policies to improve connectivity in the region.</p> <p>b) Submit the results of the questionnaire on generally applied indicators and statistical definitions for the member States for the purpose of evaluating development-related telecommunication and ICT aspects.</p> <p>c) Draw up an information plan for the purpose of managing the indicators to evaluate development-related telecommunication and ICT aspects.</p> |
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