



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

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

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**39 MEETING OF PERMANENT CONSULTATIVE  
COMMITTEE I: TELECOMMUNICATIONS/  
INFORMATION AND COMMUNICATION  
TECHNOLOGIES  
Brasilia, Brazil  
October 4 to 8, 2021  
VIRTUAL**

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**FINAL REPORT**

**(Item on the Agenda: 6)**

**(Document submitted by the Secretariat of CITEL)**

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## FINAL REPORT

### 39 MEETING OF THE PERMANENT CONSULTATIVE COMMITTEE I: TELECOMMUNICATIONS/INFORMATION AND COMMUNICATION TECHNOLOGIES (PCC.I)

The 39 Meeting of the Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies was held virtually from October 4 to 8, 2021 host by the administration of Brazil.

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

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1. Approval of the agenda and calendar of activities.
2. Establishment of the Drafting Group for the Final Report.
3. Structure and Work Plan for the PCC.I.
4. Working Group reports and meetings:
  - 4.1 Working Group 1: Policy and Regulation (WGPR)**
    - 4.1.1 Rapporteurship on protecting the rights of telecommunication services users.
    - 4.1.2 Rapporteurship on telecommunication service quality.
    - 4.1.3 Rapporteurship on economic aspects of telecommunication/ICTs.
    - 4.1.4 Rapporteurship on Broadband, universal access, digital inclusion and gender equality.
    - 4.1.5 Rapporteurship on conformance, fraud and illegal or irregular mobile terminal devices control.
      - 4.1.5.1 Correspondence Group to review the text of the recommendation on efforts against cybercrime and piracy of television content and signals in Latin America and the Caribbean.
  - 4.2 Working Group 2: Working Group on Deployment of Technologies and Services (WGDS)**
    - 4.2.1 Rapporteurship on disaster prevention, response and mitigation, ICT and climate change, environmental protection and circular economy.
    - 4.2.2 Rapporteurship on interoperability, infrastructure, connectivity, numbering, services and applications, including Internet and international connectivity.
    - 4.2.3 Rapporteurship on cybersecurity, privacy and data protection, vulnerability assessment and confidence building.
    - 4.2.4 Rapporteurship on technological innovation, digital economy, Internet of Things, smart cities and communities.
  - 4.3 Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (WGCONF).**
5. Agenda, site, and date of the 40 Meeting of PCC.I.
6. Approval of the Final Report.
7. Other business.

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<sup>1</sup> CCP.I-TIC/doc. 5113/21

## **II. AUTHORITIES OF THE MEETING**

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<b>Chair of PCC.I:</b>	Mr. Carlos Sotelo (Peru)
<b>Vice-Chair of PCC.I:</b>	Mr. Víctor Martínez (Paraguay)
<b>Vice-Chair of PCC.I:</b>	Mr. Juan Castro (El Salvador)
<b>Executive Secretary of CITEI:</b>	Mr. Oscar León (CITEI)

### **Drafting Group:**

#### **Chair:**

Peru: Ms. Diana Pérez

#### **Members:**

United States of America: Ms. Carola Balbuena  
Paraguay: Ms. Emilce Portillo  
Ms. Patricia Candia

### **Participants:**

#### **a. Member states**

Argentina, Bahamas, Bolivia, Brazil, Canada, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Guatemala, México, Nicaragua, Panama, Paraguay, Peru, Trinidad and Tobago, United States of America, and Uruguay.

#### **b. Associate members**

Argentina – TELEFONICA DE ARGENTINA  
Canada – ERICSSON CANADA  
Colombia – ATC SITIOS DE COLOMBIA  
Costa Rica - ASIET  
United States of America – AMAZON.COM SERVICES, INC  
United States of America – AMERICAN REGISTRY FOR INTERNET NUMBERS (ARIN)  
United States of America - FACEBOOK  
United States of America – INTERNET SOCIETY  
United States of America – NOKIA, INC.  
Uruguay - CENTRO DE ESTUDIOS PARA EL DESARROLLO DE LAS TELECOMUNICACIONES Y EL ACCESO A LA SOCIEDAD DE LA INFORMACION DE AMERICA LATINA (CERTAL)  
Uruguay - COOPERACION LATINOAMERICANA DE REDES AVANZADAS (CLARA)  
Uruguay - REGISTRO REGIONAL DE DIRECCIONES DE INTERNET PARA AMERICA LATINA Y CARIBE (LACNIC)

#### **c. International and regional organizations**

Asia-Pacific Telecommunity - APT  
Regional Telecommunications Technical Commission of Central America - COMTELCA  
Andean Community - CAN

European Conference of Postal and Telecommunications Administrations - CEPT  
Internet Corporation for Assigned Names and Numbers - ICANN  
Regional Commonwealth in the Field of Communications - RCC  
International Telecommunication Union - ITU

**d. Guests**

ACCESS PARTNERSHIP, LLC

**e. Organization of American States (OAS)**

### III. RESOLUTIONS

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#### PCC.I/RES. 316 (XXXIX-21)<sup>2</sup>

#### **WORKING GROUPS FOR REGIONAL DIALOGUE ON PUBLIC POLICYMAKING AND REGULATORY ADVANCES AND CHALLENGES FOR INFRASTRUCTURE DEVELOPMENT AND INNOVATION**

The 39 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

#### **CONSIDERING:**

a) That, according to resolution CITEL/RES. 85 (VII-18) approved at the Seventh Regular Meeting of the General Assembly of CITEL, two of the objectives of PCC.I for the period 2018-2022 are as follows:

- i. Promote the development of telecommunications/ICT infrastructure and harmonization of services, in accordance with international standards and the exchange of experiences in the implementation of national plans and programs; and
- ii. Promote the development of harmonized regulatory frameworks and forward-looking recommendations in the provision of telecommunications/ICT services that foster innovation and competition and that promote affordability and the reduction of prices, in an environment of legal certainty in conformance with the policies established by each Member State.

b) That, at the 34 meeting of PCC.I, an item on organizing working groups to engage in a regional dialogue on the advances and challenges of public policymaking and regulations for the development of infrastructure and innovation was included and approved in the work plan of the Rapporteurship on Broadband, universal access, digital inclusion and gender equality,

#### **RESOLVES:**

1. To approve holding two virtual working groups before the 41 meeting of PCC.I to engage in a regional dialogue on the advances and challenges of public policymaking and regulations for the development of infrastructure and innovation.

2. To place the Rapporteurship on Broadband, universal access, digital inclusion and gender equality of the Working Group on Policies and Regulation (WGPR) of PCC.I in charge of coordinating this seminar, with the participation of ASIET alongside the CITEL Secretariat.

3. To approve the subjects for the working groups, included in the Annex.

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<sup>2</sup> CCPI-TIC/doc. 5117/21

**ANNEX TO RESOLUTION PCC.I/RES. 316 (XXXIX-21)**

**DRAFT AGENDA**

**WORKING GROUP I**

SUBJECTS: INFRASTRUCTURE ROLLOUT (LAW ON BROADCASTING, ROLLOUT INCENTIVES, SUCCESS STORIES, ETC.)

**WORKING GROUP II**

SUBJECTS: REGULATORY INNOVATION (REGULATORY SANDBOX, REGULATORY STREAMLINING, ETC.)

**PCC.I/RES. 317 (XXXIX-21)<sup>3</sup>**

**AGENDA, SITE, AND DATE OF THE 40 AND 41 MEETING OF PCC.I**

The 39 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communications Technologies (PCC.I)

**CONSIDERING:**

1. That, due to the global pandemic with Coronavirus 19 (COVID-19) and the current restrictions established by the health authorities of the member states in our region, social distancing must continue as a measure for containing the expansion of this virus, and that the health conditions and threats persist;
2. That the Member States of the ITU have agreed to reschedule the World Telecommunication Standardization Assembly (WTSA) from March 1-9, 2022 in Geneva, Switzerland and the World Telecommunication Development Conference (WTDC) of June 6-15, 2022 in Addis Ababa, Ethiopia, once normal working and travel conditions have been restored in both destinations and other Member States, due to developments with the global pandemic;
3. that, the Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (GTCONF), as necessary, must adjust the times for CITELE preparatory work for both the WTSA and for the WTDC and schedule additional sessions due to possible changes of venue (mode and/or change in dates) in consequence of the pandemic, taking into consideration the new dates for presenting proposals,

**RESOLVES:**

1. To hold the 40 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies, exceptionally by virtual means and/or hybrid meeting, depending on the prevailing health situation, on April 4-8, 2022, hosted by Paraguay.

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<sup>3</sup> CCPI-TIC/doc. 5154/21 cor. 1

2. To hold the 41 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies, exceptionally by virtual means and/or hybrid meeting, depending on the prevailing health situation, on July 11-15, 2022 at OAS headquarters in Washington, DC.
3. To instruct the CITEI Secretariat to perform the necessary coordination tasks together with the Chair of PCC.I and the host country should there be any change in date based on the above mentioned condition, to take the corresponding actions to select a new date and notify the CITEI membership two months ahead of time.
4. To instruct the Chairs of the working groups and their rapporteurs to continue working virtually on any outstanding matters in their work plans in preparation to wrapping up\ of the work period which is ending with the VIII Regular Meeting of the Assembly of CITEI, in close coordination with the PCC.I Chair and the CITEI Secretariat.
5. To instruct the CITEI Secretariat to coordinate as necessary to support the efforts of the working groups and their rapporteurs virtually.
6. To instruct the CITEI Secretariat to coordinate closely with the Working Group Chair and the PCC.I Chair as necessary to support CITEI's efforts in preparation for the WTSA and WTDC.
7. To adopt the Draft Agenda for the 40 Meeting of the PCC.I, annexed to this Resolution.

## **ANNEX TO RESOLUTION PCC.I/RES. 317 (XXXVIX-21)**

### **DRAFT AGENDA**

1. Approval of the agenda and calendar of activities
2. Establishment of the Drafting Group for the Final Report.
3. Structure and Work Plan for the PCC.I.
4. Working Group reports and meetings
  - 4.1 Working Group 1: Policies and Regulation (WGPR)**
    - 4.1.1 Rapporteurship on protecting the rights of telecommunication services users
    - 4.1.2 Rapporteurship on telecommunication service quality
    - 4.1.3 Rapporteurship on economic aspects of telecommunications/ICTs
    - 4.1.4 Rapporteurship on broadband, universal access, digital inclusion and gender equity
    - 4.1.5 Rapporteurship on conformance, fraud control and illegal or irregular mobile terminal devices
  - 4.2 Working Group 2: Working Group on Deployment of Technologies and Services (WGDS)**
    - 4.2.1 Rapporteurship on disaster prevention, response and mitigation, ICTs and climate change, environmental protection and the circular economy
    - 4.2.2 Rapporteurship on interoperability, infrastructure, connectivity, numbering, services and applications, including Internet and international connectivity



- 4.2.3 Rapporteurship on cybersecurity, privacy and data protection, vulnerability assessment and confidence building
- 4.2.4 Rapporteurship on technological innovation, digital economy, Internet of things, and smart cities and communities

**4.3 Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (WGCONF)**

- 5. Agenda, site, and date for the 41 Meeting of PCC.I.
- 6. Approval of the Final Report
- 7. Other business

## IV. RECOMMENDATIONS

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### PCC.I/REC. 33 (XXXIX-21)<sup>4</sup>

#### EFFORTS AGAINST THE PIRACY OF TELEVISION CONTENT AND SIGNALS IN LATIN AMERICA AND THE CARIBBEAN

The 39 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communications Technologies (PCC.I)

#### **CONSIDERING:**

- a) That online piracy, understood as the practice of copying, selling, distributing and/or reproducing digital products without the authorization of their creators, developers or owners has been growing significantly in the countries of Latin America and the Caribbean.
- b) That it constitutes a significant threat to the Member States and poses enormous challenges to telecommunications service operators, television operators, programmers, consumers, some technical regulatory and control bodies and governments.
- c) That through piracy, crime illegally exploits legal audiovisual products or content for profit, and, in some cases, the pirate websites used are part of international organized criminal groups that obtain income through the sale of advertising, commissions or payments.
- d) That it significantly impacts the investments of telecommunications companies and their infrastructure, of governments, of television operators and of digital content distribution platforms.
- e) That piracy discourages creativity, entrepreneurship, and innovation, which are the pillars of social, technological, and economic development.
- f) That the piracy of television content and signals, considerably impacts the tax revenues of governments to the detriment of the overall welfare, impacting the development of the countries in the region.
- g) That the aforementioned practices generate unlawful competition that results in a competitive imbalance to the detriment of formal companies that strive to maintain and improve quality standards in the services they provide and that bear economic, regulatory and compliance burdens.
- h) That said competitive imbalance threatens the security, sustainability, and legitimate operation of formally established companies.

#### **RECOGNIZING:**

- a) That on line piracy is currently rising significantly, making it an unlawful competitor for television operators and programmers.

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<sup>4</sup> CCPI-TIC/doc. 5078/21 rev. 4

- b) That the ongoing growth of this criminal activity is becoming a major challenge the Member States and their regulatory, judicial, and economic agents.
- c) That ensuring the continued growth and stability of telecommunications and its added services requires swift and joint action by the CITELE Member States and Associated Members.
- d) That legislation and regulatory measures are not keeping pace with the swift of technological development.
- e) That these gaps in legislation and/or regulatory capacity provide an opportunity for the practice of online piracy, allowing the growth of a business with wide profit margins for criminals and generating major economic losses for the telecommunications and audiovisual industry in the countries of Latin America and the Caribbean.
- f) That it is necessary to warn users about consuming content offered below market prices or for free, which is usually provided by pirates.

## **RECOMMENDS:**

### **Observing the regulatory provisions applicable in each Member State:**

- a) That OAS Member States convey the urgent need to pass and effectively enforce regulations and/or laws aimed at preventing, detecting, and combating piracy of television content and signals.
- b) That OAS Member States examine more closely and raise awareness about the negative consequences of unlawfully consuming television content and signals by promoting expedited norms and administrative procedures by which the appropriate authorities will have the power to, seize equipment, punish and/or fine ex officio any actors involved in distributing, promoting, advertising or any other role in this chain related to the piracy of television content and signals.
- c) That these procedures be established within an efficient, practical, speedy framework and with all due legal certainty for the blocking of content that is transmitted illegally through telecommunications networks or digital platforms.
- d) That those channels for reporting piracy be adopted or strengthened to facilitate its detection, involving all the stakeholders in the chain (private or public) including intermediaries, platforms and marketplaces.
- e) That OAS member states, in collaboration with industry and academia, study new technologies and tools as well as the incorporation of equipment designed to detect irregularities that allows the combat of piracy of television content and signals.
- f) That the OAS Member States contributes to drafting innovative policies based on best practices to promote business models respectful of intellectual property rights by considering the participation and cooperation of governments through their regulators or governing bodies, the private sector, the academia and consumers.
- g) That the OAS Member States exchange knowledge and actions to identify legal, administrative and political instruments that might help to combat piracy and commercialization of television content and signals, to support and promote the immediate removal of such contents.

h) That the private sector be encouraged to generate strategies in close coordination with the authorities, to prevent piracy through actions that promote social awareness and invest in technologies that discourages the practice of piracy.

i) That the OAS Member States gather data to generate statistics that enable monitoring conduct and/or behaviors stemming from online piracy, bases on information voluntarily provided by the operators, as well as information collected by the States, in order to confirm its impact in the region and assess current and potential loss of earnings as a result of this.

## V. DECISIONS

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### PCC.I/DEC. 322 (XXXIX-21)<sup>5</sup>

#### ACCESS AND USE OF TELECOMMUNICATION AND BROADBAND SERVICES FOR PERSONS WITH DISABILITIES AND WITH SPECIFIC NEEDS

The 39 Meeting of the Permanent Consultative Committee I: Telecommunications/Information and Communication Technologies (PCC.I),

#### CONSIDERING:

- a) Resolution 70 (Rev. Hammamet, 2016), approved by the World Telecommunication Standardization Assembly (WTSA), on Telecommunication/information and communication technology accessibility for persons with disabilities and persons with specific needs.
- b) Resolution 175 (Busan, 2014), approved during the 2014 ITU Plenipotentiary Conference (PP14), on Telecommunication/information and communication technology accessibility for persons with disabilities and persons with specific needs.
- c) The Joint Coordination Activity on Accessibility and Human Factors (JCA-AHF), coordinated within the sphere of the ITU-T.
- d) That one of the objectives of PCC.I for the 2018-2022 period, in accordance with Resolution CITELE/RES. 85 (VII-18) approved during the VII Regular Meeting of the CITELE Assembly, is to promote the exchange of information and best practices that stimulate the production of regulations on accessibility for persons with disabilities and with specific needs, as well as from a gender perspective, in telecommunications/ICTs.

#### DECIDES:

1. To invite Member States to respond to the questionnaire in the Annex to this decision.
2. To request that Member States send the information listed in the Annex to the Rapporteurship on Broadband, Universal Access, Digital Inclusion, and Gender Equality, Neil Checo ([ncheco@centroindotel.gob.do](mailto:ncheco@centroindotel.gob.do)) and Fernando Latterza ([fernandol.oliveira@telefonica.com](mailto:fernandol.oliveira@telefonica.com)), to present the results of the consultation at the 40 Meeting of PCC.I.
3. To instruct the CITELE Secretariat to distribute the questionnaire to the Member States, setting January 31, 2022 as the deadline for their response.

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<sup>5</sup> CCPI-TIC/doc. 5116/21

**ANNEX TO DECISION PCC.I/DEC. 322 (XXXIX-21)**

**ACCESS AND USE OF TELECOMMUNICATION AND BROADBAND SERVICES FOR PERSONS WITH DISABILITIES<sup>6</sup> AND WITH SPECIFIC NEEDS<sup>7</sup>**

**QUESTIONNAIRE**

1. Which actions regarding access to telecommunication services have been applied by government or regulatory authorities to promote facilitate the management of requests for information, handling complaints from users with disabilities and with specific needs, as well as physical accessibility and preferential assistance at customer service facilities?
2. Has there been any promotion of regulations or legislation that encourages the creation of subsidies, tax exemptions or particular benefits for users of telecommunication services with disabilities and with specific needs? This goes for both services and terminals or devices.
3. Have telecommunication service providers defined internal policies to provide benefits, discounts, and specialized services to serve users with disabilities and with specific needs?

**PCC.I/DEC. 323 (XXXIX-21)<sup>8</sup>**

**ANNUAL REPORT OF CITELE MEMBER STATES ON RESOLUTION AG/RES. 2935 (XLIX-O/19) – HEMISPHERIC EFFORTS TO COMBAT THE USE OF MOBILE TERMINAL DEVICES THAT HAVE BEEN STOLEN, LOST OR TAMPERED WITH**

The 39 Meeting of Permanent Consultative Committee I: Telecommunications/Information and Communications Technologies (PCC.I),

**DECIDES:**

1. To adopt the questionnaire annexed hereto on efforts by CITELE Member States to combat the use of mobile terminal devices that have been stolen, lost or tampered with, addressed in paragraph 6 of the operative part of Resolution AG/RES. 2935 (XLIX-O/19).

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<sup>6</sup> **Persons with disabilities:** means individuals who have long-term physical, mental, intellectual or sensory disabilities, which, in interaction with various barriers, may hinder their full and effective participation in society on an equal basis with others. The correct way to refer to a person with a disability. (Source: ITU Glossary - D. ICT Accessibility - 2021 - “Towards building of inclusive digital communities. ITU toolkit and self-assessment for the ICT accessibility implementation”, page 97. – available at <http://handle.itu.int/11.1002/pub/818259af-en>)

<sup>7</sup> **Person with specific needs:** includes persons with disabilities, persons who are not literate, those with learning disabilities, children, indigenous people, older persons with age-related disabilities and anyone who has a temporary disability. (Source: ITU Glossary - D. ICT Accessibility - 2021 - “Towards building of inclusive digital communities. ITU toolkit and self-assessment for the ICT accessibility implementation”, page 97. – available at <http://handle.itu.int/11.1002/pub/818259af-en>)

<sup>8</sup> CCPI-TIC/doc. 5156/21

2. To set the deadline at December 1, 2021 for sending in replies to the questionnaire of *decides* 1 above, to be sent to the CITEL Secretariat ([citel@oas.org](mailto:citel@oas.org)) with a copy to the rapporteur ([hugo.romero@rcrom.gov.co](mailto:hugo.romero@rcrom.gov.co)).

3. To urge all Member States to answer the questionnaire annexed hereto, bearing in mind that this mandate came from as high up as the OAS General Assembly during its first plenary session on June 27, 2019.

#### **ANNEX TO DECISION PCC.I/DEC. 323 (XXXIX-21)**

#### **QUESTIONNAIRE ON EFFORTS BY CITEL MEMBER STATES TO COMBAT THE USE OF MOBILE TERMINAL DEVICES THAT HAVE BEEN STOLEN, LOST, OR TAMPERED WITH, ADDRESSED IN PARAGRAPH 6 OF THE OPERATIVE PART OF AG/RES. 2935 (XLIX-O/19)**

In compliance with *resolves* 6 of the OAS GENERAL ASSEMBLY RESOLUTION (XLIX-O/19) – HEMISPHERIC EFFORTS TO COMBAT THE USE OF MOBILE TERMINAL DEVICES THAT HAVE BEEN STOLEN, LOST OR ADULTERATED, please report:

- a) The number of reported stolen devices and threats to life or personal safety.
- b) Technological advances being implemented to discourage these criminal activities
- c) Regulatory measures and/or government policies passed or adopted to support public or private efforts on this issue.

#### **PCC.I/DEC. 324 (XXXIX-21)<sup>9</sup>**

#### **EXTENSION OF DEADLINE FOR RESPONSE TO THE QUESTIONNAIRE ON DISASTER PREVENTION, RESPONSE AND MITIGATION SYSTEMS**

The 39 Meeting of the Permanent Consultative Committee I: Telecommunications / Information and Communication Technologies (PCC.I),

#### **DECIDES:**

1. Extend the deadline to receive responses on the: QUESTIONNAIRE ON DISASTER PREVENTION, RESPONSE AND MITIGATION SYSTEMS, attached in the annex of the Decision PCC.I / DEC. 321 (XXXVIII-21) and request the Member States to respond to the questionnaire in question, which is attached in the Annex to this Decision.

2. To request Member States to send the information listed in the annex to the Rapporteurs on Disaster Prevention, Response and Mitigation, ICT and Climate Change and Circular Economy, Rubén Isla ([risla@mtc.gob.pe](mailto:risla@mtc.gob.pe)) Jonathan Siverling ([jsiverling@arrl.org](mailto:jsiverling@arrl.org)) and Maria de los Ángeles Ayala ([mayalaco@sct.gob.mx](mailto:mayalaco@sct.gob.mx)), in order to present the results of the consultation at the 40th Meeting of the PCC.I.

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<sup>9</sup> CCPI-TIC/doc. 5121/21 rev. 1

3. To instruct the Secretariat to distribute the attached questionnaire to the Member States, establishing **January, 30<sup>th</sup> 2022** as the deadline for responding.

**ANNEX TO DECISION PCC.I/DEC. 324 (XXXVIX-21)**

**QUESTIONNAIRE ON DISASTER PREVENTION, RESPONSE AND MITIGATION SYSTEMS  
ANNEX TO DECISION PCC.I/DEC. 321 (XXXVIII-21)**

Country:

Name of person who answers the survey:

Position / Organization:

E-mail / Contact phone number:

1. How does your country handle disasters and hazardous areas in terms of telecommunications services? Does your country have an emergency Telecommunications Plan? What solutions are provided to the population?
2. What measures and / or policies have you implemented in your country for disaster risk management in border areas?
3. What frequency bands has your country identified for Public Protection and Relief Operations (PPRO)?
4. What policies and / or regulations has your country been promoting for the implementation of Early Warning Systems?
5. What Communications and Early Warning Systems has your country implemented or will it implement? What media do you consider?
6. If your country has an early warning system. How are alert messages sent to the population? Are they sent via streaming or other technologies?
7. If your country has early warning systems. Do the solutions described above apply to foreigners? Are the messages translated into other languages?
8. Do you have a single emergency care center? (example 911 or 112) In the case of having a single emergency center, is your early warning system integrated with the emergency center?
9. Has your country implemented panic buttons? If your answer is affirmative, could you share the regulation with us? Are these buttons interconnected to an emergency center?



**PCC.I/DEC. 325 (XXXIX-21)<sup>10</sup>**

**EXTENSION OF DEADLINE FOR RESPONSE TO THE QUESTIONNAIRE ON  
INFRASTRUCTURE POLICIES AND MEASURES IN GENERAL TENDING TO SOLVE THE  
NEEDS OF USERS OF TELECOMMUNICATIONS NETWORKS IN THE AMERICAS  
REGION**

The 39 Meeting of the Permanent Consultative Committee I: Telecommunications / Information and Communication Technologies (PCC.I),

**DECIDES:**

1. Extend the deadline to receive responses on the: QUESTIONNAIRE ON INFRASTRUCTURE POLICIES AND MEASURES IN GENERAL TENDING TO SOLVE THE NEEDS OF USERS OF TELECOMMUNICATIONS NETWORKS IN THE AMERICAS REGION, annex to Decision PCC.I / DEC. 320 (XXXVIII-21) and request the Member States to respond to the questionnaire in question, which is attached in the Annex to this Decision.
2. To request the Member States to send the information listed in the annex to the Rapporteurs on interoperability, infrastructure, connectivity, numbering, services and applications, including Internet and international connectivity: Wilmer Azurza ([wazurza@mtc.gob.pe](mailto:wazurza@mtc.gob.pe)), César Díaz ([cesar@lacnic.net](mailto:cesar@lacnic.net)), Celedonio Von Wuthenau ([celedonio.von\\_wuthenau@nokia.com](mailto:celedonio.von_wuthenau@nokia.com)), and Oscar Messano ([omessano@gmail.com](mailto:omessano@gmail.com)), in order to present the results of the consultation at the 40th Meeting of the PCC.I.
3. To instruct the Secretariat to distribute the attached questionnaire to the Member States, establishing **January 31<sup>st</sup>, 2022**, as the deadline for responding.

**ANNEX TO DECISION PCC.I/DEC. 325 (XXXIX-21)**

**QUESTIONNAIRE ON INFRASTRUCTURE POLICIES AND GENERAL MEASURES TO  
SATISFY THE NEEDS OF USERS OF TELECOMMUNICATIONS NETWORKS IN THE  
AMERICAS REGION**

**ANNEX TO DECISION PCC.I/DEC. 320 (XXXVIII-21)**

Country:

Name of person answering the questionnaire:

Position / Organization:

E-mail / Phone number of Contact Person

1. What policy measures has your country implemented to improve the coverage of public telecommunications services in rural and underserved areas?

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<sup>10</sup> CCPI-TIC/doc. 5134/21 rev. 1

2. Do you consider the use of TV white spaces an enabler to bring connectivity to rural areas?
3. Do you consider that unlicensed use of the 6GHz band is adequate to improve the quality of wireless services? In case your administration has regulated or is evaluating said unlicensed use, are you assessing the implementation of the use of this band indoors and outdoors? What benefits and applications can arise in case the aforementioned implementation takes place outdoors?
4. What projects and/or areas of application of the 4.0 Industry (e.g., smart agriculture, manufacturing, mining, water management, etc.) would you consider taking into account for the development of vertical markets using 5G, the Internet of Things or other solutions prioritizing rural areas?
5. Has your Administration regulated the use of high-altitude stratospheric platforms (HASP)? What aspects of them have been implemented and what application has been given to them?
6. What measures is your Administration taking to increase mobile service coverage in rural areas?

## V. LIST OF DOCUMENTS

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Minutes of the Inaugural Session and First Plenary Session	CCP.I-TIC/doc. 5155/21 rev. 1
Minutes of the Second Plenary Session	CCP.I-TIC/doc. 5163/21
List of Documents	CCP.I-TIC/doc. 5111t/21 rev. 2
List of Participants	CCP.I-TIC/doc. 5144t/21 rev. 1
Report of the Working Group on Policy and Regulation (WGPR)	CCP.I-TIC/doc. 5161/21
Report of the Working Group on Deployment of Technologies and Services (WGDTS)	CCP.I-TIC/doc. 5158/21 rev. 1
Report of the Working Group for the Preparation and Follow-up of the WTSA, WCIT and WTDC (WGCONF)	CCP.I-TIC/doc. 5159/21 rev. 3
Final Report of the Meeting	CCP.I-TIC/doc. 5164/21

## VI. REVOKED INSTRUMENTS AT THIS MEETING

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No instrument was revoked at this meeting.

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