



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

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

**41 MEETING OF PERMANENT
CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS
May 22 to 26, 2023
Mexico City, Mexico**

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FINAL REPORT

(Item on the Agenda: 7)

(Document submitted by CITELE Secretariat)

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FINAL REPORT

41 MEETING OF PERMANENT CONSULTATIVE COMMITTEE II: RADIOCOMMUNICATIONS (PCC.II)

The 40 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II) was held in person with remote participation, from October 31 to November 4, 2022.

I. MEETING OFFICERS

Chair of PCC.II	Mr. Arturo Robles Rovalo (Mexico)
Vice Chair of PCC.II:	Mr. Héctor Budé (Uruguay)
Vice Chair of PCC.II:	Mr. Rodrigo Gebrim (Brazil)
CITEL Executive Secretary:	Mr. Oscar León

Drafting Group:

Chairperson: Héctor García Gutiérrez (México)

Members: Sandra Wright (United States)
Marc Girouard (Canada)
Brayan Carrillo (Guatemala)
Cecil McCain (Jamaica)
Deivit Andrade (México)

II. REPORT OF THE PCC.II CHAIR

At the beginning of the 41 meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II), the Chair of the Committee conducted deliberations based on the agenda items listed in document CCPII-2023-41-5707. Furthermore, the PCC.II Working Groups met according to the schedule issued as document CCPII-2023-41-5708r1. The results of the activities held at the meeting can be summarized as follows:

1. Working Group Relative to CITEL's Preparation for World Radiocommunication Conferences.

This Group met 10 times and carried out the work throughout the week distributed among the sub-working groups. During those meetings more than 100 documents were considered. The group's agenda was issued as document CCPII-2023-41-5829tr2.

The Report by the Chair with all the details was issued as document CCPII-2023-41-5846.

2. Working Group on Terrestrial Services

This Group met 2 times. During those meetings 10 documents were considered. The group's agenda was issued as document CCPII-2023-41-5830tr2.

The Report by the Chair with all the details was issued as document CCPII-2023-41-5847.

3. Working Group on Spectrum Management

This group had no meetings and the 2 input contributions were presented at the First Plenary Meeting, with the intention of allowing more time to address the matters of the World Radiocommunication Conference 2023.

4. Working Group on Satellite Systems and Science Services

The Working Group met once and 5 documents were considered. The group's agenda was issued as document CCPII-2023-41-5831t.

The Report by the Chair with all the details was issued as document CCPII-2023-41-5848.

5. Working Group on Radio Broadcasting

This Group met twice and 2 documents were considered. The group's agenda was issued as document CCPII-2023-41-5832r1.

The Report by the Chair with all the details was issued as document CCPII-2023-41-5849.

6. Issues to be highlighted

The 42 meeting of PCC.II will be held in Canada from August 28 to September 1, 2023.

III. AGENDA¹

1. Approval of the agenda and schedule.
2. Appointment of the Drafting Group for the Final Report.
3. Meeting of the Working Groups on:
 - 3.1 Working Group on Preparation for Regional and World Radiocommunication Conferences.
 - 3.2 Working Group on Terrestrial Fixed and Mobile Radiocommunication Services.
 - 3.3 Working group on Spectrum Management
 - 3.4 Working Group on Satellite Systems and Science Services.
 - 3.5 Working Group on Broadcasting.
4. PCC.II Strategic Plan.
5. Agenda, Venue and Date of the next Meeting of PCC.II.
6. Other matters.
7. Approval of the Final Report of the Meeting.

DRAFT AGENDAS OF THE WORKING GROUPS

3.1 Working Group on the preparation of CITEL for Regional and World Radiocommunication Conferences

1. Presentation and approval of the agenda.
2. Working methods.
3. Preparation for the Radiocommunications Assembly (RA-23) and the World Radiocommunication Conference (WRC-23).
 - 3.1 Update of WRC-23 preparations.
4. Report of chapter chairpersons and CITEL representatives.
5. Consideration of issues resulting documents submitted through the collaborative space.
6. Work Plan.
7. Other matters.

3.2 Working Group on Terrestrial Services

1. Approval of the agenda.
2. Report on ITU-R activities.
3. IMT implementation.
4. Compatibility studies.
5. Sub-Working Group of Spectrum management.
6. Work Plan.
7. Other business.

3.3 Working Group on Spectrum Management

1. Presentation and approval of the Agenda.

¹ CCPII-2023-41-5707

2. Follow-up on the activities and studies carried out within the ITU by Study Group 1 and Study Group 3 of the ITU-R.
3. Exchange of relevant information and best practices among CITELE Members on aspects regarding spectrum management and affordable and widespread access to ICTs.
4. Presentation of contributions.
5. Work Plan.
6. Other business.

3.4 Working Group on Satellite Systems and Science Services

1. Approval of the agenda.
2. Implementation of regulations that facilitate deployment of satellite services.
3. Harmful interference from unauthorized transmissions in satellite networks.
4. C and Ku band use, operation and applications.
5. Existing databases on satellite systems.
6. Operation of satellite services with no authorization.
7. Work Plan.
8. Other business:
 - 8.1 Use and operation of satellite bands in addition to C and Ku bands;
 - 8.2 Regulations and operation of small satellites (picosatellites, nanosatellites, cubesats);
 - 8.3 Use of new technologies;
 - 8.4 Compatibility between satellite services (fixed and mobile) and terrestrial fixed and mobile services;
 - 8.5 Use of bands authorized for amateur service by amateurs via satellite.

3.5 Working Group on Broadcasting

1. Opening remarks.
2. Approval of the agenda.
3. Consideration of the inputs documents on:
 - 3.1 Digital Television;
 - 3.2 Digital Sound Broadcasting;
 - 3.3 Spectrum Usage and New Technologies for Broadcasting;
 - 3.4 Rio Janeiro 1981 Agreement;
4. Work Plan.
5. Other business.

IV. RESOLUTIONS

PCC.II/RES. 149 (XLI-23)²

INTER-AMERICAN CONTRIBUTION FOR WP 5A

The 41 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) That the procedure for submitting Inter-American Contributions (IAC) was approved by Resolution PCC.II/ RES. 129 (XXXII-18).
- b) That ITU-R WP 5A is developing the Preliminary Draft New Recommendation ITU-R M.[AS.GUIDANCE], intended to provide guidelines to assist administrations that wishes to consider full or part of additional measurements, based on Recommendations and Reports updated and under development on this study cycle.
- c) That it is convenient to provide a contribution to WP 5A to reflect the situation in Region 2.

RESOLVES:

1. To approve the Inter-American Contribution (IAC) contained in the Annex of this Resolution.
2. To request the Secretariat of CITELE to send to the next meeting of the Working Party 5A of the International Telecommunication Union (ITU) the IAC of Annex in the time established by such organization.

² CCPII-2023-41-5841r2

ANNEX I TO RESOLUTION PCC.II/RES. 149 (XLI-23)
INTER-AMERICAN CONTRIBUTION FOR WP 5A

Resolution **774 (WRC-19)** considers the review of the different applications used in the amateur service and the amateur-satellite service in the frequency band 1 240 1 300 MHz to determine if additional measures are required to ensure protection of the radionavigation-satellite (space-to-Earth) service operating in the same band, without considering the removal of these amateur and amateur-satellite service allocations under WRC-23 Topic 9.1.b.

ITU-R WP 5A is developing the Preliminary Draft New Recommendation ITU-R M.[AS.GUIDANCE], intended to provide guidelines to assist administrations that wishes to consider full or part of additional measurements, based on Recommendations and Reports updated and under development on this study cycle.

Previous discussions performed in CITELE considered the protection of primary RNSS (space-to-Earth) from the secondary amateur and amateur-satellite services in the frequency band 1 240-1 300 MHz is already established in Radio Regulations in their primary/secondary conditions and workable through national enforcement, therefore the voluntary perspective of the guidance under development. Furthermore, this guidance could be an output of a WRC-23 Topic, which is not intended to require any regulatory measure by the administrations. Spectrum management best practices along with technical and operational measures may be used by administrations to ensure the protection of RNSS without the need for any additional regulatory constraints on amateur-satellite services in the studied frequency band.

The 41 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II) of CITELE produced the Resolution 149, in order to provide for WP 5A a modification to the Preliminary Draft New Recommendation ITU-R M.[AS.GUIDANCE] that reflects the situation in Region 2.

PROPOSAL

CITELE proposes the following *recognizing* to be inserted in the Preliminary Draft New Recommendation ITU-R M.[AS.Guidance] to reflect the situation in Region 2:

That, in Region 2 [Region 1, Region 3], spectrum management best practices along with technical and operational measures may be used by administrations to ensure the protection of RNSS without the need for any additional regulatory constraints on amateur and amateur-satellite services in the frequency band 1 240-1 300 MHz.

PCC.II/RES. 150 (XLI-23)³

INTER-AMERICAN CONTRIBUTION FOR WP 5A RSTT

The 41 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) That the procedure for submitting Inter-American Contributions (IAC) was approved by Resolution PCC.II/ RES. 129 (XXXII-18).
- b) That ITU-R WP 5A is developing the Preliminary Draft New Recommendation ITU-R entitled “Harmonization of spectrum for existing and future Railway Radiocommunication Systems between train and trackside (RSTT) within the frequency band allocated to the mobile service” (Preliminary Draft New Recommendation ITU-R M.[RSTT_FRQ]), intended to try to provide harmonized frequency ranges for RSTT.
- c) That it is convenient to provide a contribution to WP 5A to reflect the situation in Region 2.

RESOLVES:

1. To approve the Inter-American Contribution (IAC) contained in the Annex of this Resolution.
2. To request the Secretariat of CITELE to send to the next meeting of the Working Party 5A of the International Telecommunication Union (ITU) the IAC of Annex in the time established by such organization.

³ CCPII-2023-41-5844

**ATTACHMENT 1 TO PCC.II/RES. 150 (XLI-23)
INTER-AMERICAN CONTRIBUTION FOR WP 5A RSTT**

Region 2

Table A3-1

Frequency ranges harmonized or considered for harmonization for RSTT in Region 2

Region 2		
Application	Frequency ranges within the existing mobile service allocations under consideration or proposed for harmonization	Harmonized frequency ranges within the existing mobile service allocations in Region 2⁴
Train Radio	USA: 160.215-161.565 MHz 452.92500/457.92500 MHz 452.95000/457.95000 MHz 2 000-18 000 MHz	At least two Adm: 148-174 MHz More number of Adm: 160.215-161.565 MHz Greater range of frequencies with at least one Adm: 136-174 MHz At least two Adm: 410-450 MHz and 450-470 MHz More number of Adm: 452.95-457.00 MHz Greater range of frequencies with at least one Adm: 410-470 MHz At least two Adm: 898.4-928 MHz More number of Adm: 902-928 MHz Greater range of frequencies with at least one Adm: 800-930 MHz At least two Adm: 1.5 GHz. 2-10.5 GHz and 17.7-18.0 GHz More number of Adm: 7 110-7 125 MHz Greater range of frequencies with at least one Adm: 1.427-19.7 GHz
	CAN: 160.170-161.580 MHz 452/457 MHz	
	B: 148-174 MHz 380-400 MHz (TETRA) Parts of 403-470 MHz 459.7875-469.7875 MHz 900-930 MHz 1.5 GHz 2.4 GHz 6.5 GHz 7.5 GHz 10.5 GHz	
	ARG: 4.5-7 MHz 150-170 MHz 410-450 MHz 450-470 MHz 490-512 MHz 800-900 MHz 1 427-1 525 MHz 7 110-7 725 MHz 17 700-19 700 MHz	
	MEX: 160-174 MHz 350-380 MHz 898.4-901/943.4-946 MHz 6 425 - 7 125 MHz	

⁴ These frequency ranges have not been harmonized yet and they are still under study in Region

Region 2		
Application	Frequency ranges within the existing mobile service allocations under consideration or proposed for harmonization	Harmonized frequency ranges within the existing mobile service allocations in Region 2⁴
	<p>JMC: 162.0375-174 MHz 902-928 MHz 450-470 MHz 21 200-23 600 MHz</p> <p>BOL: 136-174 MHz</p>	
Train Positioning	<p>USA: 44 MHz 219.500-222 MHz^(*) <u>452.9375-457.9375 MHz^(*)</u> 896.8875-897.9875 MHz 935.8875-936.9875 MHz 902-928 MHz</p> <p><u>BOL:</u> <u>450-460 MHz^(*)</u></p>	<p>At least two Adm: 220-222 MHz More number of Adm: 220-222 MHz Greater range of frequencies with at least one Adm: 219.5-222 MHz</p> <p>At least two Adm: 896-897 MHz and 900-935 MHz More number of Adm: 452.95-457.00 MHz Greater range of frequencies with at least one Adm: 896-936 MHz</p> <p>At least two Adm: 459-469 MHz More number of Adm: 459-469 MHz Greater range of frequencies with at least one Adm: 450-470 MHz</p> <p><u>For EoT/HoT:</u> <u>At least two Adm: 452.00 - 460.00 MHz</u> <u>More number of Adm: 452,9375 - 457,9375 MHz</u> <u>Greater range of frequencies with at least one Adm: 450.00 - 469,7875 MHz</u></p>
	<p>CAN: <u>452.9375-457.9375 MHz^(*)</u> 896/935 MHz 902-922 MHz</p>	
	<p>B: 157-170 MHz (VHF Digital) 459.4375-469.7875 MHz^(*) 900-930 MHz 2.4 GHz 5 GHz</p>	
	<p>ARG: VHF = 240 MHz – 300 MHz UHF = 410 MHz – 450 MHz UHF = 450 MHz – 470 MHz <u>458.075 MHz^(*)</u> UHF = 470 MHz – 490 MHz</p>	
	<p>MEX: 220-222 MHz 400 MHz <u>452-458 MHz^(*)</u></p>	
	<p>JMC: 26.4200-27.5000 MHz 3.75-4.0 MHz 4.4880-4.6500 MHz</p>	

Region 2		
Application	Frequency ranges within the existing mobile service allocations under consideration or proposed for harmonization	Harmonized frequency ranges within the existing mobile service allocations in Region 2⁴
{Train Positioning sub-group} EoT/HoT	CAN: 452.9375-457.9375 MHz	At least two Adm: 452.00-460.00 MHz More number of Adm: 452.9375-457.9375 MHz Greater range of frequencies with at least one Adm: 450.00-469.7875 MHz
	USA: 219.5-222 MHz 452.9375-457.9375 MHz	
	ARG: 458.075 MHz	
	BOL: 450-460 MHz	
	B: 459.4375-469.7875 MHz	
	MEX: 452-458 MHz	
Train Remote	USA: 220.9625-221.00 MHz 221.9625-220.00 MHz 452.9000-452.96875 457.9000-457.96875 MHz	At least two Adm: 452.00-457.96875 MHz More number of Adm: 452.9000-452.96875 MHz Greater range of frequencies with at least one Adm: 452.00-458.00 MHz USA and CAN report 220 MHz
	CAN: 812/857 MHz 452/457 MHz 220 MHz	
	MEX: 452-458 MHz	
	B: 2.4 GHz	
Train Surveillance	B: 403-470 MHz (under implementation)	See Note 1
	JMC: 4 800-4 990 MHz 5 470-5 725 MHz (under implementation)	

Note 1: No possible frequency ranges to be harmonized were found at the time of preparing this document.

Note: Values in grey correspond to ranges not consistent with any other Administration for that type of system.

(*)These frequency ranges are used for EoT/HoT

IMPLEMENTATION OF SECOND-GENERATION DIGITAL TERRESTRIAL TELEVISION BROADCASTING (DTTB) SYSTEMS IN THE AMERICAS

The 41 Meeting of Permanent Consultative Committee II: Radiocommunication (PCC.II),

CONSIDERING:

- a) That most of the countries in the Americas have already started the operation of Digital Terrestrial Television Broadcasting (DTTB);
- b) That the technology transition from analog to terrestrial television concludes with the analog switch-off that has been completed successfully in some countries of the Region and is currently underway or planned in most others;
- c) That terrestrial television broadcasting is a catalyst for local, regional, and national creative industries and journalism, providing information, education, and entertainment the public while promoting social cohesion, inclusion and national identity;
- d) That a combination of terrestrial broadcasting and internet delivery, made possible by Integrated Broadcast-Broadband (IBB) systems, provides a means of enhancing reach and personalization;
- e) That the robustness of the terrestrial broadcasting transmission infrastructure arising from the topology used, and the possibility of free-to-air reception make this platform particularly useful for public warning, disaster mitigation, and relief;
- f) That second-generation DTTB systems were specified and successfully deployed in many parts of the world, including the Americas;
- g) That new generations of terrestrial broadcasting technologies are constantly being researched and developed to distribute new types of content and enable new user experiences; and
- h) That a terrestrial television technology transition can take many years to allow for widespread deployment of transmitters and receivers, typically including a simulcasting period where both the legacy and new technologies run in parallel, so it needs to be planned well in advance, with a long-term vision of the future,

RECOGNIZING:

- a) That the Recommendation PCC.II/REC. 59 (XXX-17), “Spectrum use of the frequency range 470-698 MHz by the broadcasting service”, recommends that CITELE Member States promote, as fast as possible, the technology transition from analog to digital terrestrial television and, when planning the use of the spectrum within the frequency range 470-698 MHz, take the appropriate measures to protect the Broadcasting Service and not to constrain its future development and technological evolution;
- b) That the Report ITU-R BT.2140, “Transition from analogue to digital terrestrial television broadcasting”, contains multiple case studies of national experiences on the implementation of Digital Terrestrial Television Broadcasting (DTTB) and the analog terrestrial television switch-off;

⁵ CCPII-2023-41-5842r1

- c) That the Report ITU-R BT.2299, “Broadcasting for public warning, disaster mitigation and relief”, provides a compilation of supporting evidence that terrestrial broadcasting plays a critically important role in disseminating information to the public in times of emergencies;
- d) That the Report ITU-R BT.2522, “A framework for the future of broadcasting”, presents a framework for the future of broadcasting, considering the end-users expectations and advances in broadcast program production and delivery technologies, aiming to inform, assist, and guide the broadcasting industry, researchers, and regulators about future developments of systems, technologies, and applications for broadcasting;
- e) That the Recommendation ITU-R BT.1877, “Error-correction, data framing, modulation and emission methods and selection guidance for second generation digital terrestrial television broadcasting systems”, defines error-correction, data framing, modulation and emission methods for the second generation of digital terrestrial television broadcasting transmission systems;
- f) That the Report ITU-R BT.2343, “Collection of field trials of UHDTV over DTT networks”, and in the Report ITU-R BT.2485, “Advanced network planning and transmission methods for enhancements of digital terrestrial television broadcasting” illustrate the continuous research and development of new generations of terrestrial broadcasting technologies;
- g) That the Recommendation ITU-R BT.2144, “Guidance for the introduction of new DTTB systems, technologies and applications in the broadcasting service”, provides guidance for the introduction of new Digital Terrestrial Television Broadcasting (DTTB) systems, technologies, and applications in the broadcasting service, so that an appropriate method can be chosen depending on the requirements and situations in a country or region; and
- h) That the Recommendation ITU-R BT.2075, “Integrated broadcast-broadband system”, and the Report ITU-R BT.2267, “Integrated broadcast-broadband systems”, describe Integrated Broadcast-Broadband (IBB) systems in which broadcasting operates in parallel with broadband telecommunication systems and provides an integrated experience of broadcasting and interactivity by combining media content, data and applications from sources authorized by the broadcaster,

RESOLVES:

- 1 To invite CITEL Member States working on the implementation of second-generation DTTB systems to share their experiences and relevant information at the PCC.II meetings; and
- 2 To invite CITEL Members, in particular Member States, to consider actively participating in the studies related to second-generation DTTB systems both in the meetings of the PCC.II working group on broadcasting and in the meetings of ITU-R Study Group 6 (Broadcasting Service) and its corresponding Working Parties.

PCC.II/RES. 152 (XLI-23)⁶

INTER-AMERICAN PROPOSALS FOR WRC-23

The 41 Meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) That by Resolution PCC.II / RES. 144 (XL-22) was approved the “Procedures for the preparation, adoption and modification of Interamerican Proposals for World Radiocommunication Conferences and for the selection of CITELE Rapporteurs and Spokespersons”;
- b) That during the 41 Meeting of PCC.II, the LIMIT meeting for the preparation of WRC-23, the Working Group for the preparation of CITELE for World Radiocommunications Conferences ended consideration and discussion of the proposals presented for items 1.2 (3300-3 400 MHz), 1.3, 1.5, 1.18, 1.19, 7.D1, 7.D3 and, 9.1 issues 9.1B and 9.1C of the Agenda of said Conference,

RESOLVES:

1. To establish that to date the list of IAPs developed is located in Annex I to this Resolution while its consideration and discussion is declared finished.
2. To establish that to date the list of DIAPs developed is located in Annex II to this Resolution.
3. To establish the list of current PRELIMINARY PROPOSALS that will continue to be considered at the FINAL MEETING
4. To request the Secretariat of CITELE to send ITU the IAPs developed for agenda items 1.2 (3300-3 400 MHz), 1.3, 1.5, 1.18, 1.19, 7.D1, 7.D3 and, 9.1 issues 9.1B and 9.1C of the Agenda of said Conference, immediately after June 30, 2023

⁶ CCPII-2023-41-5850r1

ANNEX 1 TO RESOLUTION PCC.II/RES. 152 (XLI-23)
LIST OF IAPS DEVELOPED WHILE ITS CONSIDERATION AND DISCUSSION IS
DECLARED FINISHED

# document	status	Agenda Item
GT-CMR23-2022-40-038r4	IAP	INTER-AMERICAN PROPOSAL AI 7 (TOPIC D1)
GT-CMR23-2023-41-042r5	IAP	INTER-AMERICAN PROPOSAL AI 1.2 (3.3 - 3.4GHz)
GT-CMR23-2023-41-062r3	IAP	INTER-AMERICAN PROPOSAL AI 1.5
GT-CMR23-2023-41-064r3	IAP	INTER-AMERICAN PROPOSAL AI 1.19
GT-CMR23-2023-41-065r4	IAP	INTER-AMERICAN PROPOSAL AI 9.1 C
GT-CMR23-2023-41-074	IAP	INTER-AMERICAN PROPOSAL AI 1.18
GT-CMR23-2023-41-104r1	IAP	INTER-AMERICAN PROPOSAL AI 1.3
GT-CMR23-2023-41-107	IAP	INTER-AMERICAN PROPOSAL AI 9.1 B
GT-CMR23-2023-41-109	IAP	INTER-AMERICAN PROPOSAL AI 7 (TOPIC D3)

**ANNEX 2 TO RESOLUTION PCC.II/RES. 152 (XLI-23)
LIST OF IAPS & DIAPS UNDER DISCUSSION**

# document	status	Agenda Item
GT-CMR23-2023-41-067r2	IAP	INTER-AMERICAN PROPOSAL AI 1.2 (6GHz)
GT-CMR23-2023-41-078r1	IAP	INTER-AMERICAN PROPOSAL AI 1.2 (10GHz)
GT-CMR23-2023-41-106	IAP	INTER-AMERICAN PROPOSAL AI 1.4
GT-CMR23-2023-41-108	IAP	INTER-AMERICAN PROPOSAL AI 7 (TOPIC D2)

# document	status	Agenda Item
GT-CMR23-2023-41-033r3	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.16
GT-CMR23-2023-41-037r6	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.2(10GHz)
GT-CMR23-2023-41-046r3	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.6
GT-CMR23-2023-41-047r4	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.15
GT-CMR23-2022-40-055r1	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.2(3.6 - 3.8)
GT-CMR23-2023-41-061r4	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.14
GT-CMR23-2023-41-073	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 7 (TEMA I)
GT-CMR23-2023-41-075r1	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.11 (TEMA C)
GT-CMR23-2023-41-076r2	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.11 (TEMA B)
GT-CMR23-2023-41-077r1	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.9
GT-CMR23-2023-41-080	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.10
GT-CMR23-2023-41-081r2	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.11 (TEMA A)
GT-CMR23-2023-41-082	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.13

GT-CMR23-2023-41-095r1	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 7 C
GT-CMR23-2023-41-096	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 7 H
GT-CMR23-2023-41-098r1	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 7 J
GT-CMR23-2023-41-100	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 7 A
GT-CMR23-2023-41-102r2	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.17
GT-CMR23-2023-41-103r1	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 10 (small antennas)
GT-CMR23-2023-41-105	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 10 (50 GHz NGSO FSS)
GT-CMR23-2023-41-110	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 4
GT-CMR23-2023-41-111	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA 10 (EPDF LIM)
GT-CMR23-2023-41-112	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 7 G
GT-CMR23-2023-41-113	DIAP	PROYECTO DE PROPUESTA INTERAMERICANA PoD 1.12

ANNEX 3 TO RESOLUTION PCC.II/RES. 152 (XLI-23)
LIST OF CURRENT PRELIMINARY PROPOSALS THAT WILL CONTINUE TO BE
CONSIDERED AT THE FINAL MEETING

# document	status	Agenda Item
GT-CMR23-2023-41-022r6	PP	PRELIMINARY PROPOSAL AI 1.2 (3.6 - 3.8GHz)
GT-CMR23-2023-41-023r5	PP	PRELIMINARY PROPOSAL AI 1.4
GT-CMR23-2023-41-028r1	PP	PRELIMINARY PROPOSAL AI 1.2 (6GHz)
GT-CMR23-2022-40-029r2	PP	PRELIMINARY PROPOSAL AI 1.2 (10GHz)
GT-CMR23-2023-41-043r2	PP	PRELIMINARY PROPOSAL AI 1.1
GT-CMR23-2023-41-048r1	PP	PRELIMINARY PROPOSAL AI 1.17
GT-CMR23-2023-41-052r1	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC F)
GT-CMR23-2023-41-053r1	PP	PRELIMINARY PROPOSAL AI 10 (ESIM)
GT-CMR23-2023-41-054r1	PP	PRELIMINARY PROPOSAL AI 10 (52GHz)
GT-CMR23-2023-41-058r1	PP	PRELIMINARY PROPOSAL AI 1.8
GT-CMR23-2023-41-059r3	PP	PRELIMINARY PROPOSAL AI 4
GT-CMR23-2023-41-066r2	PP	PRELIMINARY PROPOSAL AI 1.7
GT-CMR23-2023-41-068	PP	PRELIMINARY PROPOSAL AI 10 (IMT in WRC-27)
GT-CMR23-2023-41-069	PP	PRELIMINARY PROPOSAL AI 9.1D
GT-CMR23-2023-41-070	PP	PRELIMINARY PROPOSAL AI 1.15
GT-CMR23-2023-41-071	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC E)
GT-CMR23-2023-41-072	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC G)
GT-CMR23-2023-41-079	PP	PRELIMINARY PROPOSAL AI 1.14
GT-CMR23-2023-41-085	PP	PRELIMINARY PROPOSAL AI 9.1 A
GT-CMR23-2023-41-089r1	PP	PRELIMINARY PROPOSAL AI 10 (NEW MSS)
GT-CMR23-2023-41-090r1	PP	PRELIMINARY PROPOSAL AI 10 (SPACE SENSORS)
GT-CMR23-2023-41-091r1	PP	PRELIMINARY PROPOSAL AI 10 (NARROW BAND)

GT-CMR23-2023-41-092	PP	PRELIMINARY PROPOSAL AI 10 (ESIM 12GHZ)
GT-CMR23-2023-41-093	PP	PRELIMINARY PROPOSAL AI 10 (SPACE WHEATER)
GT-CMR23-2023-41-094r1	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC B)
GT-CMR23-2023-41-097	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC H)
GT-CMR23-2023-41-099	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC J)
GT-CMR23-2023-41-101	PP	PRELIMINARY PROPOSAL AI 7 (TOPIC A)

PCC.II/RES. 153 (XLI-23)⁷

ADDITIONAL PRELIMINARY PROPOSALS FOR WRC-23 AGENDA ITEMS AT THE 42nd MEETING OF CITEL PCC.II

The 41 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) that the Draft Report of the Director of the Radiocommunication Bureau to WRC-23 referring to WRC-23 Agenda Items 2 (ITU-R Recommendations incorporated by reference), 4 (consideration of Resolutions and Recommendations from previous Conferences), 9.2 (difficulties and inconsistencies encountered with the application of the RR) and 9.3 (on action in response to Resolution 80 (Rev. WRC-07)) will be available just before the beginning of the 42nd Meeting of PCC.II;
- b) that the Report of the Radiocommunication Regulations Board will be available in July 2023;
- c) that a potential new topic under agenda item 7 has been discussed at the CPM-23-2 on the modification of the coordination procedure between Region 1 and 3 Appendix 30 assignments and Region 2 FSS non-planned assignments in the frequency band 11.7-12.2 GHz and CPM23-2 recognized that this matter may be discussed further during the July 2023 meeting of WP 4A, could
- d) that the approved Resolution PCC.II / RES. 144 (XL-22) contains the Procedure for the preparation and adoption of the Inter-American Proposals for the World Radiocommunication Conferences, which establishes that no new Preliminary Proposals will be considered or formulated in the Final Meeting, unless: (a) the Preliminary Proposal is based on new or revised text of a Conference Preparatory Meeting (CPM) that has been held between the Limit Meeting and the Final Meeting, (b) Preliminary Proposals related only to agenda items of future World Conferences Radiocommunications; c) the preliminary proposals on the agenda items refer to the revised ITU-R Recommendations incorporated by reference into the Radio Regulations; d) the preliminary proposals on the agenda item refer to the consideration of Resolutions and Recommendations of the previous Conferences for their possible revision, replacement or suppression; e) the preliminary proposals relate to difficulties or inconsistencies observed in the Radio Regulations;
- e) That the 42nd meeting of PCC.II, to be held from August 28 to September 1, 2023, in Canada, is the final meeting before WRC-23;
- f) that is beneficial for the CITEL members to have regulatory conditions to be able to consider new preliminary proposals for WRC-23 agenda items, which could result from the Reports mentioned in considering a) and b) and the outcomes of WP4A mentioned in considering c);

RESOLVES:

1. That at the 42nd Meeting of Permanent Consultative Committee II: Radiocommunications, the Working Group for the Preparation of CITEL IAPs for World Radiocommunication Conferences may receive, consider and discuss, in accordance with Resolution PCC.II / RES. 144 (XL-22), new preliminary

⁷ CCPH-2023-41-5786r2

proposals WRC-23 Agenda Items 2, 4, 9.2 and 10, as well as 7 (only for the topic referred to in *considering* c, if needed)) and 9.3.

2. That this Resolution is only in force until the end of the 42nd Meeting of the Permanent Consultative Committee II: Radiocommunications.

V. DECISIONS

PCC.II/DEC. 228 (XLI-23)⁸

ESTABLISHMENT OF A RAPPORTEURSHIP ON SECOND-GENERATION DIGITAL TERRESTRIAL TELEVISION BROADCASTING (DTTB) SYSTEMS

The 41 Meeting of Permanent Consultative Committee II: Radiocommunication (PCC.II),

DECIDES:

1. To establish a rapporteurship for the purpose of reporting to the PCC.II Working Group on Broadcasting on the activities being carried out in ITU-R Study Group 6 (Broadcasting Service) and its related Working Groups related to second generation digital terrestrial television broadcasting (DTTB) systems;
2. To appoint Luiz Fausto from Brazil as rapporteur; and
3. To request the designated rapporteur to present the corresponding reports at PCC.II meetings.

⁸ CCPH-2023-41-5843

PCC.II/DEC. 229 (XLI-23)⁹

AD HOC GROUP FOR THE EVENTUAL DEVELOPMENT OF IACs FOR RA-23

The 41 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

DECIDES:

1. Create an Ad-Hoc Group to evaluate and, if necessary, agree on the identification of the issues on which it is necessary and/or convenient to present CITEL's position to the Radiocommunication Assembly 2023 (RA-23), and prepare the corresponding Draft Contributions according with the procedure established of PCC.II Res. 129 (XXXII-18) "PRESENTATION OF INTER-AMERICAN CONTRIBUTIONS (IAC) FROM CITEL TO THE ASSEMBLY, ADVISORY GROUP AND THE STUDY GROUPS OF THE RADIOCOMMUNICATION SECTOR (ITU-R) OF THE INTERNATIONAL TELECOMMUNICATION UNION (ITU)".
2. That the Ad Hoc Group will be open to the participation of all members of PCC.II, its President will be Mr. Víctor Martínez (Mexico) and will carry out its work as follow:
 - a. Virtually between the 41 and 42 PCC.II meetings;
 - b. One presential meeting at the 42 PCC.II meeting;
 - c. Virtually between 42 PCC.II meeting and one month before RA-23.
3. That the tentative schedule of meetings be as follows:

Virtual Meeting 1:	July 12, 2023	
Virtual Meeting 2 (if necessary):	August 2, 2023	
Presential Meeting 3:	During 42 PCC.II	
Virtual Meeting 4* (September 2023) and Virtual 5* (October 2023):		*To be
Defined during 42 PCC.II meeting		
Extraordinary Virtual Plenary PCC.II Meeting** (if necessary):		
**To be Defined during 42 PCC.II Meeting/Virtual Meeting 5		
4. That in case of need to approve the submission of Draft Contributions, an extraordinary virtual plenary meeting of PCC.II will be convened through the CITEL Secretariat, specifically aimed at evaluating, and in its case the approval of said Draft Contributions, according to the established procedure mentioned above, for their timely delivery to the ITU as Inter-American Contributions (IACs).
5. CITEL Members are invited to send their contributions in both English and Spanish languages to the Executive Secretariat preferably two days before the meeting.

⁹ CCPII-2023-41-5742r2