



ORGANIZACION DE LOS ESTADOS AMERICANOS
ORGANIZATION OF AMERICAN STATES

Comisión Interamericana de Telecomunicaciones
Inter-American Telecommunication Commission

**34 MEETING OF PERMANENT
CONSULTATIVE COMMITTEE II:
RADIOCOMMUNICATIONS
August 12 to 16, 2019
Ottawa, Ontario, Canada**

**OEA/Ser.L/XVII.4.2.34
CCP.II-RADIO/doc. 5124/19
26 August 2019
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FINAL REPORT

(Item on the Agenda: 7)

(Document submitted by the CITELE Secretariat)

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FINAL REPORT

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

The 33 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II) was held in Monterrey, Nuevo Leon, Mexico, from April 8 to 12, 2019.

I. MEETING OFFICERS

Chair of PCC.II	Mr. Mario Germán Fromow Rangel (Mexico)
Alternate Chair of PCC.II:	Mr. José Arias (Mexico)
Vice Chair of PCC.II:	Mr. Héctor Budé (Uruguay)
Vice Chair of PCC.II:	Mr. Agostinho Linhares (Brazil)
CITEL Executive Secretary:	Mr. Oscar León(CITEL/OAS)

Drafting Group:

Chairperson:	Graeme Parker (Canadá)
Members:	Xochitl Citlalli Hernández Medina (México) Wilmer Azurza Neyra (Perú) Sandra Wright (EE.UU.)

II. REPORT OF THE PCC.II CHAIR

During the 34th meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II), the Chair conducted deliberations based on the Agenda items listed in document PCC.II-RADIO/doc. 4995/19. Furthermore, the PCC.II working groups met according to the schedule issued as document PCC.II-RADIO/doc. 4996/19 revisions 1 through 4. The results of the activities held at the meeting can be summarized as follows:

1. Working Group Relative to Inter-American Telecommunications Commission (CITEL) Preparation for World Radiocommunication Conferences.

This Group met on 2 occasions in its "Plenary" and the Sub Working Groups (SGT) met as follows: SGT-1, 3 times; SGT-2 and SGT-3, 2 times each; and, SGT-4 met 4 times. During these meetings, 109 documents were considered. The group's agenda was presented as document PCC.II-RADIO/doc. 5104/19 and its revisions.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc.5119/19.

2. Working Group on Terrestrial Services

This group met once and considered 9 contributions. The group's agenda was presented as document PCC.II-RADIO/doc.5102r1/19.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc.5117/19.

3. Working Group on Spectrum Management

This group met once and considered 6 documents. The group's agenda was presented as document PCC.II-RADIO/doc.5004/19.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc.5120/19.

4. Working Group on Radio Broadcasting

This group met once and considered 5 documents.

The Report by the Chair with all the details was issued as document PCC.II-RADIO/doc.5115/19

5. Working Group on Satellite Systems and Science Services

Since the 34 Meeting of PCC.II concentrated the work for the preparation of the 2019 World Radiocommunication Conference (WRC-19), this Working Group did not receive documents related to draft Decision, Resolution or Recommendation, and / or of an informative nature, which is why it did not hold any session and, consequently, the preparation of the report of the respective President. However, without prejudice to the foregoing, document PCC.II-RADIO/doc.5005/19 inviting to the 2019 ITU Symposium on Satellite Communications «WRC-19: Defining the Future of Satellite Communications in the Region of the Americas», was submitted to this Working Group, but the meeting decided to review this document in the First Plenary meeting.

The foregoing was presented by the Chairman of this Working Group in his speech during the first Plenary meeting

6. Other Issues to be highlighted

1. The next (35th) PCC.II Meeting will be held from May 11 to 15, 2019 in Trinidad and Tobago, thanks to the generous invitation of that Government.

III. AGENDA ¹

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 Relative to CITEL's Preparation for World Radiocommunication Conferences
 - 3.2 Working Group on Terrestrial Services
 - 3.3 Working Group on Spectrum Management
 - 3.4 Working Group on Satellite Systems and Science Services
 - 3.5 Working Group on Radio Broadcasting

¹ PCC.II-2019-34-4995_i

3.6 Working Group to Coordinate Strategic Initiatives of the OAS related to Radiocommunications

3.7 Ad Hoc Group on “Resolutions, Decisions and Recommendations of PCC.II”

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 Relative to CITEI's Preparation for World Radiocommunication Conferences

1. Presentation and approval of the agenda.
2. Working methods.
3. Preparation for the Radiocommunications Assembly (RA-19) and the World Radiocommunication Conference (WRC-19).
 - 3.1 Update of WRC-19 preparations.
4. Report of chapter chairpersons and CITEI 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. Work Plan.
6. Other business.

3.3 Working Group on Spectrum Management

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 Radio Broadcasting

1. Approval of the agenda.
2. Consideration of the inputs documents on:
 - 2.1 Digital Television.

- 2.2 Digital Sound Broadcasting.
- 2.3 Spectrum Usage and New Technologies for Broadcasting.
- 2.4 Rio Janeiro 1981 Agreement.
3. Work Plan.
4. Other business.

3.6 Working Group to Coordinate Strategic Initiatives of the OAS related to Radiocommunications

1. Approval of the agenda.
2. Work Plan.
3. Other business.

3.7 Ad Hoc Group on “Resolutions, Decisions and Recommendations of PCC.II”

1. Approval of the agenda.
2. Work Plan.
3. Other business.

IV. RESOLUTIONS

PCC.II/RES. 133 (XXXIV-19)²

AGENDA, VENUES AND DATES OF THE 35 AND 36 MEETINGS OF PCC.II

The 34 Meeting of the Permanent Consultative Committee II: Radiocommunications (PCC.II),

RESOLVES:

1. To hold the 35 Meeting of PCC.II in Trinidad and Tobago from May 11 to 15, 2020; and
2. To hold the 36 Meeting of PCC.II in Mexico from September 28 to October 2, 2020.
3. To approve the draft agenda for the 35 and 36 Meeting of PCC.II, attached in the annex of this resolution.

ANNEX TO RESOLUTION PCC.II/RES. 133 (XXXIV-19)

DRAFT AGENDA

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 Relative to CITEL's Preparation for World Radiocommunication Conferences
 - 3.2 Working Group on Terrestrial Services
 - 3.3 Working Group on Spectrum Management
 - 3.4 Working Group on Satellite Systems and Science Services
 - 3.5 Working Group on Radio Broadcasting
 - 3.6 Working Group to Coordinate Strategic Initiatives of the OAS related to Radiocommunications
 - 3.7 Ad Hoc Group on "Resolutions, Decisions and Recommendations of PCC.II"
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.

² PCC.II-2019-34-5112r3_i

DRAFT AGENDAS OF THE WORKING GROUPS

3.1 Working Group Relative to CITEI's Preparation for World Radiocommunication Conferences

1. Presentation and approval of the agenda.
2. Working methods.
3. Preparation for the Radiocommunications Assembly (RA-19) and the World Radiocommunication Conference (WRC-19).
 - 3.2 Update of WRC-19 preparations.
4. Report of chapter chairpersons and CITEI 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. Work Plan.
6. Other business.

3.3 Working Group on Spectrum Management

1. Presentation and approval of the Agenda.
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 CITEI Members on aspects regarding spectrum management and affordable and widespread access to ICTs.
4. Work Plan.
5. 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:
 - 8.6 Use and operation of satellite bands in addition to C and Ku bands;
 - 8.7 Regulations and operation of small satellites (picosatellites, nanosatellites, cubesats);
 - 8.8 Use of new technologies;

- 8.9 Compatibility between satellite services (fixed and mobile) and terrestrial fixed and mobile services;
- 8.10 Use of bands authorized for amateur service by amateurs via satellite.

3.5 Working Group on Radio Broadcasting

- 1. Approval of the agenda.
- 2. Consideration of the inputs documents on:
 - 2.1 Digital Television.
 - 2.2 Digital Sound Broadcasting.
 - 2.3 Spectrum Usage and New Technologies for Broadcasting.
 - 2.4 Rio Janeiro 1981 Agreement.
- 3. Work Plan.
- 4. Other business.

3.6 Working Group to Coordinate Strategic Initiatives of the OAS related to Radiocommunications

- 1. Approval of the agenda.
- 2. Work Plan.
- 3. Other business.

3.7 Ad Hoc Group on “Resolutions, Decisions and Recommendations of PCC.II”

- 4. Approval of the agenda.
- 5. Work Plan.
- 6. Other business.

PCC.II/RES. 134 (XXXIV-19)³

INTER-AMERICAN PROPOSALS FOR WRC-2019

The 34 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

CONSIDERING:

- a) That the procedure for submitting Inter-American Proposals (IAP) to World Radiocommunications Conferences (WRC) was approved by Resolution PCC.II/ RES. 121 (XXX-17);
- b) That during the 34 Meeting of PCC.II, the FINAL meeting to prepare for WRC-19, the examination and discussion of the proposals for that Conference were concluded,

RESOLVES:

1. To indicate that, to date, the list of Inter-American Proposals (IAPs) that have been developed are located in Annex I of this Resolution
2. To indicate that, to date, the list of Draft Inter-American Proposals (DIAPs) that have been developed for agenda items for future Conferences are located in Annex II of this Resolution.
3. To invite the Administrations to communicate with the Coordinators of the agenda items if any clarifications are needed regarding those documents;
4. To invite the Administrations, especially those that did not participate at the 34 Meeting of PCC.II, to examine and to submit to the Secretariat of CITEI in keeping with the procedure currently in effect;
 - a. their support in regard to the IAPs;
 - b. their support or opposition to the Draft Inter-American Proposals on future agenda items of the WRC within the two weeks following the Final Meeting (August 30, 2019).
5. To request the Secretariat of CITEI to send to the International Telecommunication Union (ITU) on 13 September 2019, the IAPs of Annex I and the DIAPS of Annex II that become IAPs by the end of 30 August 2019.
6. To derogate Resolution PCC.II/RES. 132 (XXXIII-19).

³ CCPII-2019-34-5118_i

ANNEX ‘T’ TO RESOLUTION PCC.II/RES. 134 (XXXIV-19)

Table of supports from the CITEL MEMBER States for the Inter-American Proposals (IAPs) for WRC-19⁴

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	R	A	B	B	B	B	B	C	C	C	C	D	D	E	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T				
				R	G	T	A	L	O	R	A	H	L	T	M	O	Q	R	T	Y	N	T	M	N	A	A	E	C	N	R	R	R	L	U	R	D	R	G	A	T	E	N
1.1	1	Band 50-54 MHz NOC	Banda 50-54 MHz NOC	X		X	X		X		X		X	X		X	X		X		X		X		X			X				X	X	X							17	
1.1	2	Band 50-54 MHz NOC ITU-R2	Banda 50-54 MHz NOC R2-UIT	X		X	X		X		X		X	X		X	X		X		X		X		X			X				X	X	X							17	
1.2	1	MOD ARTICLE 5 Frequency allocations 399.9-400.05	MOD ARTICULOARTÍCULO 5 Atribuciones de frecuencia 399.9-400.05						X		X		X			X	X									X							X	X	X							9
1.2	2	ADD 5.A12	ADD 5.A12						X		X		X			X	X									X							X	X	X							9
1.2	3	MOD ARTICLE 5 Frequency allocations 401-403	MOD ARTÍCULO 5 Atribuciones de frecuencia 401-403						X		X		X			X	X									X							X	X	X							9
1.2	4	ADD 5.B12	ADD 5.B12						X		X		X			X	X									X							X	X	X							9
1.2	5	ADD 5.C12	ADD 5.C12						X		X		X			X	X									X							X	X	X							9
1.2	6	SUP RESOLUTION 765 (WRC-15)	SUP RESOLUCIÓN 765 (CMR-15)						X		X		X			X	X									X							X	X	X							9
1.3	1	MOD 460-890 MHz	MOD 460-890 MHz				X		X		X		X			X			X				X		X							X	X	X							11	
1.3	2	MOD 1 690-1 700 MHz	MOD 1 690-1 700 MHz				X		X		X		X			X			X				X		X							X	X	X							11	
1.3	3	MOD 5.289	MOD 5.289				X		X		X		X			X			X				X		X							X	X	X							11	
1.3	4	SUP 5.290	SUP 5.290				X		X		X		X			X			X				X		X							X	X	X							11	
1.3	5	ADD 5.A13	ADD 5.A13				X		X		X		X			X			X				X		X							X	X	X							11	
1.3	6	ADD 5.B13	ADD 5.B13				X		X		X		X			X			X				X		X							X	X	X							11	
1.3	7	MOD TABLE 8A (Rev.WRC-19) Parameters required for the determination of coordination distance for a receiving earth station	MOD CUADRO 8A (Rev. CMR-19) Parámetros requeridos para determinar la distancia de coordinación para una estación terrena receptora				X		X		X		X			X			X				X		X						X	X	X								11	

⁴ The Inter-American Proposals that have been submitted to the ITU are on green cells.

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	P	S	S	T	U	U	V	V	T						
				R	T	A	L	O	B	R	A	H	L	M	A	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	S	U	R	D	R	G	A	C	T	E	N	T	
1.5	5	ADD DRAFT NEW RESOLUTION [AGENDA ITEM 1.5] (WRC-19)	ADD PROYECTO DE NUEVA RESOLUCIÓN [PUNTO 1.5 DEL ORDEN DEL DÍA] (CMR-19)							X		X					X		X						X										X	X	X							10	
1.5	6	MOD Notas a los Cuadros A, B, C y D	MOD Notas a los Cuadros A, B, C y D						X		X						X		X						X										X	X	X							10	
1.5	7	SUP RESOLUTION 158 (WRC-15)	SUP RESOLUCIÓN 158 (CMR-15)						X		X						X		X						X										X	X	X							10	
1.6	1	MOD 34.2-51.4 GHz	MOD 34.2-51.4 GHz			X			X		X		X				X		X						X										X		X							10	
1.6	2	ADD 5.A16	ADD 5.A16			X			X		X		X				X		X						X										X		X							10	
1.6	3	MOD 5.338A	MOD 5.338A			X			X		X		X				X		X						X										X		X							10	
1.6	4	MOD 9.35	MOD 9.35			X			X		X		X				X		X						X										X		X							10	
1.6	5	MOD MOD ¹⁹ 9.35.1	MOD MOD ¹⁹ 9.35.1			X			X		X		X				X		X						X										X		X							10	
1.6	6	ADD 22.5L 9)	ADD 22.5L 9)			X			X		X		X				X		X						X										X		X							10	
1.6	7	ADD 22.5M	ADD 22.5M			X			X		X		X				X		X						X										X		X							10	
1.6	8	ADD DRAFT NEW RESOLUTION [A16-A] (WRC-19)	ADD PROYECTO DE NUEVA RESOLUCIÓN [A16-A] (CMR-19)			X			X		X		X				X		X						X											X		X							10
1.6	9	ADD DRAFT NEW RESOLUTION [A16] (WRC-19)	ADD PROYECTO DE NUEVA RESOLUCIÓN [A16] (CMR-19)			X			X		X		X				X		X						X											X		X							10
1.6	10	MOD RESOLUTION 750 (REV.WRC-19)	MOD RESOLUCIÓN 750 (REV. CMR- 19)			X					X		X				X		X						X											X		X						9	
1.7	1	NOC ARTICLE 5 Section IV – Table of Frequency Allocations	NOC ARTÍCULO 5 Sección IV – Tabla de Asignación de Frecuencias						X				X				X		X						X											X		X						9	
1.7	2	SUP RESOLUTION 659 (WRC-15)	SUP RESOLUCIÓN 659 (CMR-15)						X				X				X		X						X											X		X						9	
1.8A	1	MOD 5.79	MOD 5.79	X		X	X		X		X	X					X	X	X						X											X	X	X						13	
1.8A	2	MOD 495-1 800 kHz	MOD 495-1 800 kHz	X		X	X		X		X	X					X	X	X						X											X	X	X						13	
1.8A	3	ADD 5.A18	ADD 5.A18	X		X	X		X		X	X					X	X	X						X											X	X	X						13	

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T									
				R	T	A	L	O	B	R	A	H	L	M	A	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	R	D	R	G	S	A	C	T	E	N	T		
1.9.2	16	SUP RESOLUTION 360 (REV.CMR-15)	SUP RESOLUCIÓN 360 (REV.CMR-15)			X	X		X		X	X													X			X							X	X									9		
1.9.2	17	MOD APPENDIX 5 (REV.WRC-19) Identification of administrations with which coordination is to be effected or agreement sought under the provisions of Article 9	MOD APÉNDICE 5 (REV.CMR-19) Identificación de las administraciones con las que ha de efectuarse una coordinación o cuyo acuerdo se ha de obtener a tenor de las disposiciones del Artículo 9			X	X		X		X	X													X			X								X	X									9	
1.9.2	18	MOD TABLE 5-1 (continued) (Rev.WRC-19)	MOD CUADRO 5-1 (continúa) (Rev.CMR-19)			X	X		X		X	X													X			X							X	X										9	
1 10	1	ARTICLE 5 Frequency allocations NOC	ARTÍCULO 5 Atribuciones de frecuencias NOC			X	X		X		X	X	X		X	X		X							X			X						X	X	X										14	
1 10	2	CHAPTER VII Distress and safety communications ARTICLE 30 General Provisions Section I – Introduction MOD 30.1	CAPÍTULO VII Comunicaciones de socorro y seguridad ARTÍCULO 30 Disposiciones generales Sección I – Introducción MOD 30.1			X	X		X		X	X	X		X	X		X							X			X						X	X	X										14	
1 10	3	CHAPTER VII Distress and safety communications ARTICLE 30 General Provisions Section I – Introduction ADD 30.1A	CAPÍTULO VII Comunicaciones de socorro y seguridad ARTÍCULO 30 Disposiciones generales Sección I – Introducción ADD 30.1A			X	X		X		X	X	X		X	X		X							X			X					X	X	X											14	
1 10	4	ARTICLE 34A Global aeronautical distress and safety system ADD	ARTÍCULO 34A Sistema mundial de socorro y seguridad aeronáuticos ADD			X	X		X		X	X	X		X	X		X							X			X						X	X	X										14	
1 10	5	ARTICLE 34A Global aeronautical distress and safety system ADD 34A.1	ARTÍCULO 34A Sistema mundial de socorro y seguridad aeronáutico ADD 34A.1			X	X		X		X	X	X		X	X		X							X			X						X	X	X										14	
1 10	6	ARTICLE 34A Global aeronautical distress and safety system ADD 34A.2	ARTÍCULO 34A Sistema mundial de socorro y seguridad aeronáutico ADD 34A.2			X	X		X		X	X	X		X	X		X							X			X						X	X	X											14

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	P	S	S	T	U	U	V	V	T					
				R	T	A	L	O	L	R	A	H	L	T	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	S	U	R	R	D	S	A	C	E	T		
1 13/26 (24 25-27 5 GHz)	2	ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 24.75-27.5 GHz MOD	ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 24,75-27,5 GHz MOD	X		X				X		X	X	X		X	X							X		X			X	X					X	X	X						17	
1 13/26 (24 25-27 5 GHz)	3	ARTICLE 5 ADD 5.A113	ARTÍCULO 5 ADD 5.A113	X		X				X		X	X	X		X	X							X		X			X	X							X	X	X					17
1 13/26 (24 25-27 5 GHz)	4	ARTICLE 5 MOD 5.338A	ARTÍCULO 5 MOD 5.338A	X		X				X		X	X	X		X	X							X		X			X	X							X	X	X					17
1 13/26 (24 25-27 5 GHz)	5	RESOLUTION 750 (Rev WRC-19) Compatibility between the Earth exploration-satellite service (passive) and relevant active services MOD	RESOLUCIÓN 750 (Rev CMR-19) Compatibilidad entre el Servicio de Exploración de la Tierra por Satélite (pasivo) y los servicios activos relevantes MOD	X		X				X		X	X	X		X	X							X		X			X	X							X	X	X					17
1 13/26 (24 25-27 5 GHz)	6	DRAFT NEW RESOLUTION [A113- IMT 26 GHz] (WRC-19) International Mobile Telecommunications in frequency band 24.25-27.5 GHz ADD	PROYECTO DE NUEVA RESOLUCIÓN [A113-IMT 26 GHz] (WRC-19) Telecomunicaciones móviles internacionales en la banda de frecuencia 24,25-27,5 GHz ADD	X		X				X		X	X	X		X	X							X		X			X	X							X	X	X					17
1 13/32 (31 8-33 4 GHz)	7	ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 29.9-34.2 GHz NOC	ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 29,9-34,2 GHz NOC	X		X	X			X		X	X	X		X	X							X		X			X							X	X	X					16	
1.13/40 (37-43.5 GHz)	8	ARTICLE 5 Frequency Allocations Band 37–40 GHz MOD	ARTÍCULO 5 Atribución de Frecuencias Band 37–40 GHz MOD	X		X	X			X		X	X	X		X	X								X		X	X								X	X	X					17	
1.13/40 (37-43.5 GHz)	9	ARTICLE 5 Frequency Allocations Band 40–43.5 GHz MOD	ARTÍCULO 5 Atribución de Frecuencias Banda 40–43,5 GHz MOD	X		X	X			X		X	X	X		X	X								X		X	X								X	X	X					17	

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T					
				R	T	A	L	O	B	R	A	H	L	T	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	S	U	R	D	S	A	C	T	E	N	T
1 13/70-80 (71-76 GHz, 81-86 GHz)	19	ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 71-76 GHz NOC	ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 71-76 GHz NOC	X		X	X		X		X	X	X			X		X					X		X										X		X						14
1 13/70-80 (71-76 GHz, 81-86 GHz)	20	ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 81-86 GHz NOC	ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 81-86 GHz NOC	X		X	X		X		X	X	X			X		X					X		X											X		X					12
1-14-22 (21 4-22 GHz)	1	ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 18.4-22 GHz MOD	ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 18,4-22 GHz MOD			X	X		X		X		X		X	X		X			X		X		X										X	X	X					14	
1-14-22 (21 4-22 GHz)	2	ARTICLE 5 ADD 5.B114	ARTÍCULO 5 ADD 5.B114			X	X		X		X		X		X	X		X			X		X		X										X	X	X					14	
1-14-22 (21 4-22 GHz)	3	RESOLUTION [B114] (WRC-19) Use of the band 21 4-22 GHz by high altitude platform stations in the fixed service for Region 2 ADD	RESOLUCIÓN [B114] (WRC-19) Uso de la banda 21,4-22 GHz por estaciones de plataforma de gran altitud en el servicio fijo para la Región 2 ADD			X	X		X		X		X		X	X		X			X		X		X										X	X	X					14	
1.14/26 (24.25–27.5 GHz)	4	ARTICLE 5 Frequency Allocations MOD Band 24.25–25.25 GHz	ARTÍCULO 5 Atribución de Frecuencias MOD Banda 24,25–25,25 GHz			X	X		X		X		X		X	X		X																		X							9
1.14/26 (24.25–27.5 GHz)	5	ADD ARTICLE 5 Frequency Allocations 5.C114	ADD ARTÍCULO 5 Atribución de Frecuencias 5.C114			X	X		X		X		X		X	X		X																	X		X					10	
1.14/26 (24.25–27.5 GHz)	6	ARTICLE 5 Frequency Allocations MOD Band 25.25–27 GHz	ARTÍCULO 5 Atribución de Frecuencias MOD Banda 25.25–27 GHz			X	X		X		X		X		X	X		X																	X		X					10	

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T		
				R	T	A	L	O	B	R	A	H	L	M	A	O	Q	R	T	U	N	I	M	N	C	E	C	N	R	G	R	L	U	R	D	R	G	S	A
1.14/26 (24.25–27.5 GHz)	7	ADD ARTICLE 5 Frequency Allocations 5.D114	ADD ARTÍCULO 5 Atribución de Frecuencias 5.D114			X	X		X		X				X	X		X															X		X				10
1.14/26 (24.25–27.5 GHz)	8	ADD DRAFT NEW RESOLUTION [C114] (WRC-19)	ADD PROYECTO DE NUEVA RESOLUCIÓN [C114] (CMR-19)			X	X		X		X				X	X		X															X		X				10
1-14-38 (38-39 5 GHz)	9	ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 38-39.5 GHz MOD	ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 38-39,5 GHz MOD			X	X		X		X	X			X	X		X		X		X		X								X		X				14	
1-14-38 (38-39 5 GHz)	10	ARTICLE 5 ADD 5.G114	ARTÍCULO 5 ADD 5.G114			X	X		X		X	X			X	X		X		X		X		X								X		X				14	
1-14-38 (38-39 5 GHz)	11	ADD NEW RES	ADD NUEVA RES			X	X		X		X	X			X	X		X		X		X		X								X		X				14	
1.14/47 (47.2-47.5 & 47.9-48.2 GHz)	12	ARTICLE 5 Frequency Allocations MOD Band 47.2–48.2 GHz	ARTÍCULO 5 Atribución de Frecuencias MOD Band 47.2–48.2 GHz			X	X		X		X				X		X							X								X		X				10	
1.14/47 (47.2-47.5 & 47.9-48.2 GHz)	13	MOD ARTICLE 5 Frequency Allocations 5.552A	MOD ARTÍCULO 5 Atribución de Frecuencias 5.552A			X	X		X		X				X		X							X								X		X				10	
1.14/47 (47.2-47.5 & 47.9-48.2 GHz)	14	MOD RESOLUTION 122 (REV.WRC-19)	MOD RESOLUCION 122 (REV.CMR-19)			X	X		X		X				X		X							X								X		X				10	

Punto del orden del día/ Agenda item	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T			
				R	T	A	L	O	B	R	A	H	L	M	A	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	R	S	A	C	E	T	
1.14	15	MOD ARTICLE 11 Notification and recording of frequency assignments 11.9	MOD ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.9			X			X			X						X					X											X		X					7
1.14	16	MOD ARTICLE 11 Notification and recording of frequency assignments 11.26	MOD ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.26			X			X			X						X					X											X		X					7
1.14	17	MOD APPENDIX 4 (REV.WRC-19) ANNEX 1 TABLE 2	MOD APÉNDICE 4 (REV.CMR-19) ANEXO 1 CUADRO 2			X			X			X						X					X											X		X					7
1.15	1	Band 248-3 000 GHz MOD ARTICLE 5 Frequency Allocations	Band 248-3 000 GHz MOD ARTÍCULO 5 Atribución de Frecuencias						X			X	X	X		X		X		X					X			X							X	X					11
1.15	2	ADD ARTICLE 5 Frequency Allocations 5.A115	ADD ARTÍCULO 5 Atribución de Frecuencias 5.A115						X			X	X	X		X		X		X					X			X							X	X					11
1.15	3	NOC ARTICLE 5 Frequency Allocations 5.565	NOC ARTÍCULO 5 Atribución de Frecuencias 5.565						X			X	X	X		X		X		X					X			X							X	X					11
1.15	4	SUP RESOLUTION 767 (WRC-15) Studies towards an identification for use by administrations for land-mobile and fixed services applications operating in the frequency range 275-450 GHz.	SUP RESOLUCIÓN 767 (CMR-15) Estudios relativos a la identificación de espectro para su utilización por las administraciones para aplicaciones de los servicios móvil terrestre y fijo que funcionan en la gama de frecuencias 275-450 GHz.						X			X	X	X		X		X		X					X			X							X	X					11
1.16 (5150 - 5250 MHz)	1	RESOLUTION 229 (REV WRC-19) Use of the bands 5 150-5 250 MHz, 5 250-5 350 MHz and 5 470-5 725 MHz by the mobile service for the implementation of wireless access systems including radio local area networks MOD	RESOLUCIÓN 229 (REV CMR-19) Uso de las bandas 5 150-5 250 MHz, 5 250-5 350 MHz and 5 470-5 725 MHz por el servicio móvil para la implementación de sistemas de acceso inalámbrico, incluidas las redes de área local de radio MOD			X	X		X			X	X	X		X	X	X					X			X	X		X					X	X	X					17

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T										
				R	T	A	L	O	B	R	A	H	L	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	D	R	G	A	C	T	E	N	T					
1 16 (5150 - 5250 MHz)	2	RESOLUTION 229 (REV. WRC-19) Use of the bands 5 150-5 250 MHz, 5 250-5 350 MHz and 5 470-5 725 MHz by the mobile service for the implementation of wireless access systems including radio local area networks MOD 5.446A	RESOLUCIÓN 229 (REV. CMR-19) Uso de las bandas 5 150-5 250 MHz, 5 250-5 350 MHz and 5 470-5 725 MHz por el servicio móvil para la implementación de sistemas de acceso inalámbrico, incluidas las redes de área local de radio MOD 5.446A			X	X		X		X	X	X	X		X	X	X				X			X	X								X	X	X							17				
1 16 (5150 - 5250 MHz)	3	MOD 5.446C	MOD 5.446C			X	X		X		X	X	X	X		X	X	X				X			X	X									X	X	X						17				
1 16 (5150 - 5250 MHz)	4	ADD 5.446D	ADD 5.446D			X	X		X		X	X	X	X		X	X	X				X			X	X										X	X	X						17			
1 16 (5150 - 5250 MHz)	5	MOD 4 800-5 250 MHz	MOD 4 800-5 250 MHz			X	X		X		X	X	X	X		X	X	X				X			X	X										X	X	X						17			
1 16 (5250 - 5350 MHz)	6	NOC ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 5 250 - 5 570 MHz	NOC ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 5 250 – 5 570 MHz	X		X	X		X		X	X	X	X		X	X	X				X			X	X											X	X	X						19		
1 16 (5350 - 5470 MHz)	7	NOC ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 5 250 - 5 570 MHz	NOC ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 5 250 – 5 570 MHz	X		X	X		X		X	X	X	X		X	X	X				X			X	X												X	X	X						19	
1 16 (5725 - 5850 MHz)	8	NOC ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 5 570-6 700 MHz	NOC ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 5 570-6 700 MHz			X	X		X		X	X	X	X		X	X	X																			X	X	X						13		
1 16 (5850 - 5925 MHz)	9	NOC ARTICLE 5 Frequency allocations Section IV – Table of Frequency Allocations 5 570-6 700 MHz	NOC ARTÍCULO 5 Atribuciones de frecuencias Sección IV – Cuadro de atribución de frecuencias 5 570-6 700 MHz	X		X	X		X		X	X	X	X		X	X	X				X			X	X													X	X	X						19

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T							
				R	T	A	L	O	R	A	H	L	T	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	D	R	G	S	A	T	E	N	T		
7/A	9	NOC ARTICLE 11 Notification and recording of frequency assignments 11.49.1	NOC ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.49.1			X			X		X											X										X		X									6	
7/A	10	ADD ARTICLE 11 Notification and recording of frequency assignments 11.49.2	ADD ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.49.2			X			X		X											X										X		X										6
7/A	11	ADD ARTICLE 11 Notification and recording of frequency assignments 11.49.3	ADD ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.49.3			X			X		X											X										X		X										6
7/A	12	ADD ARTICLE 11 Notification and recording of frequency assignments 11.49.4	ADD ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.49.4			X			X		X											X										X		X										6
7/A	13	ADD ARTICLE 11 Section III	ADD ARTÍCULO 11 Sección III			X			X		X											X										X		X										6
7/A	14	ADD ARTICLE 11 Notification and recording of frequency assignments 11.51	ADD ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias 11.51			X			X		X											X										X		X										6
7/A	15	MOD ARTICLE 13 Instructions to the Bureau 13.6	MOD ARTÍCULO 13 Instrucciones a la Oficina 13.6			X			X		X											X										X		X										6
7/A	16	ADD ARTICLE 13 Instructions to the Bureau 13.6.1	ADD ARTÍCULO 13 Instrucciones a la Oficina 13.6.1			X			X		X											X										X		X										6
7/A	17	ADD RESOLUTION [A7(A)-NGSO- MILESTONES] (WRC-19)	ADD RESOLUCION [A7(A)-NGSO- MILESTONES] (CMR-19)			X			X		X											X										X		X										6
7/A	18	MOD APPENDIX 4 (REV.WRC-19) ANNEX 2 Footnotes to Tables A, B, C and D	MOD APÉNDICE 4 (REV.CMR-19) ANEXO 2 Notas al pie de Cuadros A, B, C y D			X			X		X											X										X		X										6
7/B	1	MOD APPENDIX 5 (REV.WRC-19) TABLE 5-1	MOD APÉNDICE 5 (REV.CMR-19) CUADRO 5-1						X		X		X					X						X			X							X		X								8
7/C1	1	MOD APPENDIX 30B (REV.WRC-19)	MOD APÉNDICE 30B (REV. CMR -19)			X			X		X		X					X						X			X						X		X									9

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T									
				R	T	A	L	O	B	R	A	H	L	M	A	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	S	U	R	D	G	A	C	T	E	N	T			
7 /C1	2	MOD APPENDIX 30B (REV.WRC-19) ARTICLE 8	MOD APÉNDICE 30B (REV. CMR -19) ARTÍCULO 8			X			X	X	X	X					X							X									X	X									9			
7 /C1	3	MOD APPENDIX 30B (REV.WRC-19) ARTICLE 8 8.13	MOD APÉNDICE 30B (REV. CMR -19) ARTÍCULO 8 8.13			X			X	X	X	X					X							X											X	X									9	
7 /C2	1	ADD APPENDIX 30B (REV.WRC-19) ARTICLE 6 6.1bis	ADD APÉNDICE 30B (REV. CMR -19) ARTÍCULO 6 6.1bis			X			X	X	X	X					X							X											X	X									9	
7 /C2	2	ADD APPENDIX 30B (REV.WRC-19) ARTICLE 6 6.17bis	ADD APÉNDICE 30B (REV. CMR -19) ARTÍCULO 6 6.17bis			X			X	X	X	X					X							X											X	X									9	
7 /C3	1	MOD APPENDIX 30B (REV.WRC-19) ARTICLE 6	MOD APÉNDICE 30B (REV. CMR -19) ARTÍCULO 6			X			X	X	X	X					X							X											X	X									9	
7 /C3	2	ADD APPENDIX 30B (REV.WRC-19) ARTICLE 6 6.15bis	ADD APÉNDICE 30B (REV. CMR -19) ARTÍCULO 6 6.15bis			X			X	X	X	X					X							X												X	X									9
7 /C4	1	MOD APPENDIX 30 (REV.WRC-19) ARTICLE 4 4.1.12bis	MOD APÉNDICE 30 (REV. CMR -19) ARTÍCULO 4 4.1.12bis			X			X	X	X	X					X							X												X	X									9
7 /C4	2	MOD APPENDIX 30 (REV.WRC-19) ARTICLE 4 4.1.16bis	MOD APÉNDICE 30 (REV. CMR -19) ARTÍCULO 4 4.1.16bis			X			X	X	X	X					X							X												X	X									9
7 /C4	3	MOD APPENDIX 30A (REV.WRC-19) ARTICLE 4 4.1.12bis	MOD APÉNDICE 30A (REV. CMR -19) ARTÍCULO 4 4.1.12bis			X			X	X	X	X					X							X												X	X									9
7 /C4	4	MOD APPENDIX 30A (REV.WRC-19) ARTICLE 4 4.2.16bis	MOD APÉNDICE 30A (REV. CMR -19) ARTÍCULO 4 4.2.16bis			X			X	X	X	X					X							X												X	X									9
7-C5	1	ARTICLE 11 Notification and recording of frequency assignments (WRC 15) Section II – Examination of notices and recording of frequency assignments in the Master Register MOD 11.46	ARTÍCULO 11 Notificación y registro de asignaciones de frecuencias (CMR 15) Sección II – Examen de las notificaciones e inscripción de las asignaciones de frecuencia en el Registro MOD 11.46			X			X	X	X	X					X							X												X	X									9

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T						
				R	T	A	L	O	R	A	H	L	T	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	D	R	G	A	C	T	E	N	T	
7/D	4	MOD ARTICLE 9 (WRC-15) 9.53A	MOD ARTÍCULO 9 (CMR -15) 9.53A						X	X	X						X							X									X	X								8	
7/G	1	NOC APPENDIX 30 (REV.WRC-15) ARTICLE 4	NOC APÉNDICE 30 (REV.CMR-15) ARTÍCULO 4			X			X	X	X						X							X										X	X								9
7/G	2	NOC APPENDIX 30A (REV.WRC-15) ARTICLE 4	NOC APÉNDICE 30A (REV.CMR-15) ARTÍCULO 4			X			X	X	X						X							X											X	X							9
7/H	1	MOD APPENDIX 4 (REV.WRC-15) ANNEX 2 Footnotes to Tables A, B, C and D	MOD APÉNDICE 4 (REV. CMR-15) ANEXO 2 Notas al pie de Cuadros A, B, C y D						X	X	X						X							X											X	X							8
7/I	1	MOD ARTICLE 9 Section I – Advance publication of information on satellite networks or satellite systems	MOD ARTÍCULO 9 Sección I – Publicación anticipada de la información relativa a las redes o sistemas de satélites						X	X	X						X							X											X	X							8
7/I	2	MOD ARTICLE 9 Section I – Advance publication of 9.1	MOD ARTÍCULO 9 Sección I – Publicación anticipada del 9.1						X	X	X						X							X											X	X							8
7/I	3	MOD ARTICLE 9 9.2B	MOD ARTÍCULO 9 9.2B						X	X	X						X							X											X	X							8
7/I	4	MOD ARTICLE 9 A.9.4	MOD ARTÍCULO 9 A.9.4						X	X	X						X							X											X	X							8
7/I	5	MOD ARTICLE 9 9.3	MOD ARTÍCULO 9 9.3						X	X	X						X							X											X	X							8
7/I	6	ADD ARTICLE 9 9.3.1	ADD ARTÍCULO 9 9.3.1						X	X	X						X							X											X	X							8
7/I	7	MOD ARTICLE 11 Notification and recording of frequency	MOD ARTÍCULO 11 Notificación y registro de frecuencias						X	X	X						X							X											X	X							8
7/I	8	MOD ARTICLE 11 A.11.2	MOD ARTÍCULO 11 A.11.2						X	X	X						X							X											X	X							8
7/I	9	MOD APPENDIX 4 (REV.WRC-15) ANNEX 2 Footnotes to Tables A, B, C and D	MOD APÉNDICE 4 (REV.CMR-15) ANEXO 2 Notas al pie de Cuadros A, B, C y D						X	X	X						X							X											X	X							8

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	P	S	S	T	U	U	V	V	T					
				R	T	A	L	O	B	R	A	H	L	T	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	R	S	A	C	E	T				
91/918	1	NOC ARTICLES there is no need to identify specific spectrum for IoT or M2M applications	NOC ARTÍCULOS no es necesario identificar un espectro específico para aplicaciones IoT o M2M	X		X	X		X		X		X	X		X	X		X		X		X		X		X	X							X	X	X					18		
91/918	2	NOC APPENDIXES there is no need to identify specific spectrum for IoT or M2M applications	NOC APÉNDICES no es necesario identificar un espectro específico para aplicaciones IoT o M2M	X		X	X		X		X		X	X		X	X		X		X		X		X		X	X									X	X	X					18
91/918	3	SUP ANNEX TO RESOLUTION 958 (WRC-15)	SUP ANEXO A LA RESOLUCIÓN 958 (CMR-15)	X		X	X		X		X		X	X		X	X		X		X		X		X		X	X								X	X	X					18	
9.1/9.1.9	1	Band 51.4 - 55.78 GHz MOD ARTICLE 5 Frequency Allocations	Banda 51,4 - 55,78 GHz MOD ARTÍCULO 5 Atribución de Frecuencias						X	X		X	X													X																		8
9.1/9.1.9	2	MOD ARTICLE 5 Frequency Allocations 5.338A	MOD ARTÍCULO 5 Atribución de Frecuencias 5.338A						X	X		X	X													X																		8
9.1/9.1.9	3	ADD ARTICLE 5 Frequency Allocations 5.A919	ADD ARTÍCULO 5 Atribución de Frecuencias 5.A919						X	X		X	X													X																		8
9.1/9.1.9	4	ADD ARTICLE 5 Frequency Allocations 5.B919	ADD ARTÍCULO 5 Atribución de Frecuencias 5.A919						X	X		X	X													X																		8
9.1/9.1.9	5	MOD ARTICLE 21 TABLE 21-2 (Rev.WRC-19)	MOD ARTÍCULO 21 CUADRO 21-2 (Rev.CMR-19)						X	X		X	X													X																		8
9.1/9.1.9	6	MOD ARTICLE 21 TABLE 21-3 (Rev.WRC-19)	MOD ARTÍCULO 21 CUADRO 21-3 (Rev.CMR-19)						X	X		X	X													X																		8
9.1/9.1.9	7	MOD APPENDIX 4 (REV. WRC-15) ANNEX 2 Footnotes to Tables A, B, C and D	MOD APÉNDICE 4 (REV. CMR-15) ANEXO 2 Notas al pie de Cuadros A, B, C y D						X	X		X	X													X																		8
9.1/9.1.9	8	MOD APPENDIX 7 (REV. WRC-15) ANNEX 7 Table 7 C	MOD APÉNDICE 7 (REV. CMR-15) ANEXO 7 Cuadro 7 C						X	X		X	X													X																		8
9.1/9.1.9	9	MOD RESOLUTION 750 (REV. WRC-19)	MOD RESOLUCIÓN 750 (REV. CMR-19)						X	X		X	X													X																		8

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T	
				R	T	A	L	O	R	A	H	L	T	M	O	Q	R	U	N	T	M	N	C	E	C	N	R	R	L	U	R	R	G	E	N		
9.2	14	MOD Proposals related to section 3.3.2.1 through 3.3.2.5 of Addendum 2 to Document 4	MOD Propuestas relacionadas con la sección 3.3.2.1 a 3.3.2.5 del Anexo 2 al Documento 4	X					X	X													X			X					X	X					7
9.2	15	MOD PROPOSED REVISION OF RESOLUTION 49 (REV.WRC 15)	MOD REVISIÓN PROPUESTA DE LA RESOLUCIÓN 49 (REV. CMR 15)	X					X	X													X			X					X	X					7
10(A)	1	ADD DRAFT NEW RESOLUTION [AERO WIDEBAND HF] (WRC-19) Updating Appendix 27 in support of aeronautical wideband HF modernization	ADD PROYECTO DE NUEVA RESOLUCIÓN [HF DE BANDA ANCHA AERONÁUTICA] (CMR-19) Actualización del Apéndice 27 en apoyo de la modernización de banda ancha aeronáutica en HF			X	X		X	X	X			X	X		X				X		X			X					X	X					14
10(B)	2	ADD DRAFT NEW RESOLUTION [HA-IMT-BS] (WRC-19) Use of high-altitude IMT base stations in certain bands below 2.7 GHz regionally harmonized for Imt	ADD PROYECTO DE NUEVA RESOLUCIÓN [HA-IMT-BS] (CMR-19) Empleo de las estaciones base IMT de gran altitud en ciertas bandas por debajo de los 2.7 GHz armonizadas en la Región para las IMT			X	X		X	X	X			X	X		X		X		X					X					X						13
10(C)	3	MOD RESOLUTION 657 (WRC-19) Protection of radio spectrum-reliant space weather sensors used for global prediction and warnings	MOD RESOLUCIÓN 657 (CMR-19) Protección de los sensores meteorológicos espaciales dependientes del espectro de radio utilizados para previsión y alertas mundiales			X			X	X	X			X	X		X				X		X			X					X	X					12
10(D)	4	MOD RESOLUTION 361 (REV.WRC-19) GMDSS and e-navigation	MOD RESOLUCIÓN 361 (REV. CMR-19) SMSSM y navegación electrónica			X			X	X	X										X		X								X	X					8
10(E)	5	MOD RESOLUTION 656 (WRC-19) 45 MHz spaceborne radar sounders	MOD RESOLUCIÓN 656 (CMR-19) Sondas de radar en vehículos espaciales en la frecuencia de 45 MHz			X			X	X	X					X					X		X			X						X	X				10
10(F)	6	ADD DRAFT NEW RESOLUTION [NGSOFS18GHz] (WRC-19) Non geostationary systems in the FSS coexisting with geostationary	ADD PROYECTO DE NUEVA RESOLUCIÓN [NGSOFS18GHz] (CMR-19) Sistemas No geoestacionarios en el SFS- coexistencia con geoestacionarios	X						X				X	X		X				X		X			X					X					10	
10(G)	7	ADD DRAFT NEW RESOLUTION [YYY] (WRC-19) Sub-orbital vehicles	ADD PROYECTO DE NUEVA RESOLUCIÓN [YYY] (CMR-19) Vehículos suborbitales						X	X											X		X								X	X					6

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	B	C	C	C	D	D	E	E	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T								
				R	T	A	L	O	R	A	H	L	L	T	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	R	R	L	U	R	R	S	A	C	E	T						
10(H)	8	ADD DRAFT NEW RESOLUTION [NGSO ESIM] (WRC-19) Technical sharing studies between ESIM communicating with Non-geostationary space stations in the FSS and systems of other primary services in the frequency bands 17.7-20.2 GHz, 27.5-29.1 GHz, and 29.5-30.0 GHz	ADD PROYECTO DE NUEVA RESOLUCIÓN [ETEM no-OSG] (CMR-19) Estudios técnicos de compartición de las bandas de frecuencias 17.7-20.2 GHz, 27.5-29.1 GHz, y 29.5-30.0 GHz para las estaciones terrenas en movimiento que se comunican con estaciones espaciales no geoestacionarias en el SFS y otros servicios primarios	X		X			X			X					X		X																	X	X						10			
10(I)	9	ADD DRAFT NEW RESOLUTION [A10-E-BAND-NGSO-SAT] (WRC-19) Studies of technical, operational issues and regulatory provisions for non-geostationary FSS satellite systems feeder links in the frequency bands 71-76 GHz (space-to-Earth and proposed new Earth-to-space) and 81-86 GHz (Earth-to-space)	ADD PROYECTO DE NUEVA RESOLUCIÓN [A10-E-BAND-NGSO-SAT] (CMR-19) Estudios sobre temas técnicos y operacionales y disposiciones reglamentarias para los enlaces de conexión de los sistemas de satélites no geoestacionarios del SFS en las bandas de frecuencias 71-76 GHz (espacio-Tierra y una nueva atribución propuesta de Tierra-espacio) y 81-86 GHz (Tierra-espacio)				X			X						X	X		X																		X	X					11			
10(J)	10	ADD DRAFT NEW RESOLUTION [RES155] Review and possible revision of Resolution 155 (WRC-15) and RR No. 5.484B in the frequency bands to which they apply to accommodate the use of FSS networks by control and non-payload communications of unmanned aircraft systems	ADD PROYECTO DE NUEVA RESOLUCIÓN [RES155] Análisis y posible revisión de la Resolución 155 (CMR-15) y el número 5.484B del RR en las bandas de frecuencias a las que se aplican para contemplar el uso de las redes de SFS por comunicaciones de control y sin carga útil de sistemas de aeronaves no tripuladas					X		X							X		X																			X	X					9		
10(K)	11	ADD DRAFT NEW RESOLUTION [FSS 12.75-13.25 GHz] (WRC-19) Operation of aeronautical and maritime earth stations in motion communicating with geostationary space stations in the FSS in the frequency bands 10.7-10.95 GHz (space-to-Earth), 11.2-11.45 GHz (space-to-Earth), and 12.75-13.25 GHz (Earth-to-space)	ADD PROYECTO DE NUEVA RESOLUCIÓN [SFS 12,75-13,25 GHz] (CMR-19) Operación de estaciones terrenas en movimiento aeronáuticas y marítimas que se comunican con estaciones espaciales geoestacionarias en el SFS en las bandas de frecuencias 10,7-10,95 GHz (espacio-Tierra), 11,2-11,45 GHz (espacio-Tierra) y 12,75-13,25 GHz (Tierra-espacio)			X	X			X									X																					X	X					9

Punto del orden del día/ Agenda ítem	Nro	IAP (EN)	IAP (SP)	A	A	B	B	B	B	B	C	C	C	D	D	E	G	G	G	H	H	J	K	L	M	N	P	P	P	S	S	T	U	U	V	V	T				
				R	T	A	L	O	B	R	A	H	L	M	O	Q	R	T	U	N	T	M	N	C	E	C	N	R	G	R	L	U	R	R	S	A	C	E	T		
				G	G	H	Z	L	B	B	N	L	M	A	M	A	D	M	Y	D	I	C	A	A	X	G	R	G	U	V	R	D	G	A	T	N					
10(L)	12	ADD DRAFT NEW RESOLUTION [FSS (s-E) 17.3-17.7 GHz] (WRC-19) Primary allocation to the FSS in the space-to-Earth direction in the 17.3-17.7 GHz band in Region 2	ADD PROYECTO DE NUEVA RESOLUCIÓN [SFS (e-T) 17,73-17,7 GHz] (CMR-19) Atribución a título primario al SFS en el sentido espacio-Tierra en la banda 17,3-17,7 GHz en la Región 2						X		X		X			X									X			X	X					X						10	
10(M)	13	ADD DRAFT NEW RESOLUTION [AMS(R)S VHF] (WRC-19) Potential of an AMS(R)S allocation in the 118-137 MHz frequency band	ADD PROYECTO DE NUEVA RESOLUCIÓN [SMA(R)S VHF] (CMR-19) Atribución potencial del SMA(R)S en la banda de frecuencias 118-137 MHz													X																			X	X				7	
10(N)	14	ADD DRAFT NEW RESOLUTION [IMT-WRC-23] (WRC-19) Additional frequency bands for the terrestrial component of IMT between 3 300 MHz and 15.35 GHz	ADD PROYECTO DE NUEVA RESOLUCIÓN [IMT-CMR-23] (CMR-19) Bandas de frecuencia adicionales para el componente terrestre de las IMT entre los 3 300 MHz y 15.35 GHz																																		X	X			9

V. DECISIONS

PCC.II/DEC. 209 (XXXIV-19)

PCC.II WORK REPORT FOR THE AD HOC GROUP ON “PCC.II RESOLUTIONS, DECISIONS AND RECOMMENDATIONS”

The 34th meeting of the Permanent Consultative Committee II: Radiocommunications,

DECIDES:

1. To submit the work report of the Ad Hoc Group on Resolutions, Decisions and Recommendations to the 36 Meeting of COM/CITEL, as instructed in item 3 of Resolves 7 of Resolution COM/CITEL RES. 304 (XXXV-18).
2. The report is attached hereto.

ANNEX “I” TO RESOLUTION PCC.II/DEC. 209 (XXXIV-19) PCC.II WORK REPORT FOR THE AD HOC GROUP ON “PCC.II RESOLUTIONS, DECISIONS AND RECOMMENDATIONS”

BACKGROUND

The 7th Assembly passed Resolution CITEL/RES. 87 (VII-18) on “Updated Information on Resolutions, Decisions and Recommendations adopted by CITEL” that instructed COM/CITEL, PCC.I and PCC.II

- To continue with their work to fulfill Resolution COM/CITEL RES. 292 (XXXIII-17)
- To publish an updated list of its resolutions, decisions and recommendations that are repealed as part of the final report of its ordinary and extraordinary meetings
- To cooperate with the CITEL Secretariat in updating the list of resolutions, decisions and recommendations of each Committee on the CITEL website

The 35 Meeting of the Permanent Executive Committee of CITEL (COM/CITEL) adopted Resolution COM/CITEL RES. 304 (XXXV-18), whereby it resolved, among others, the following:

- To update and make operational the search function for CITEL documents, Resolutions, Decisions and Recommendations on the CITEL website
- To keep web pages updated on the websites of the Assembly, COM/CITEL, PCC.I and PCC.II with information on the Resolutions, Decisions and Recommendations indicated in the same *resolves*
- To coordinate implementation of this Resolution with the PCC.I and PCC.II
- To instruct the Secretariat of CITEL:

1. To update the search mechanisms on the CITELE website
 2. To update the web pages of the Assembly, COM/CITEL, PCC.I and PCC.II after each meeting with information on approved and deleted Resolutions, Decisions and Recommendations
- To instruct the PCC.I and PCC.II:
 1. Based on Resolution CITELE/RES. 87 (VII-18) of the Assembly:
 - To publish an updated list of its resolutions, decisions and recommendations that are repealed as part of the final report of its ordinary and extraordinary meetings
 - To cooperate with the CITELE Secretariat in updating the list of each Committee's resolutions, decisions and recommendations on the CITELE website
 2. To prepare a list of all Resolutions, Decisions and Recommendations of PCC.I/PCC.II, including all the information described in RESOLVES 2
 3. To submit its final reports to the 36th COM/CITEL meeting on the conclusion of its work in this regard, with the table of PCC.I/PCC.II Resolutions, Decisions and Recommendations, and proposals on the status of each Resolution, Decision and Recommendation
 - To repeal Resolution COM/CITEL RES. 292 (XXXIII-17)

On the other hand, the 31 Meeting of PCC. II adopted Decision PCC.II/DEC. 202 (XXXI-18) on "Updated information on Resolutions, Decisions and Recommendations adopted by CITELE," which created an Ad hoc group with the following mandates:

- a) To prepare a list of all of PCC.II Resolutions, Decisions and Recommendations
- b) To inform the 32 Meeting of PCC.II on conclusion of the work in *Resolves* 1a)
- c) To review other documents of PCC. II and PCC. III, such as manuals, guidelines, reports and questionnaires specifically to assess their relevance and make them available on the CITELE website
- d) To inform the 33 meeting of PCC. II on the outcomes of *Resolves* 1c)

The Ad Hoc Group held various meetings, as follow:

- a) Twice virtually between the 31 and 32 meeting of PCC. II, and the first report of its virtual work can be found in Document PCC.II-2018-32-4789
- b) In person during the 32 meeting of PCC. II, and its outcomes are found in Document PCC.II-2018-32-4813
- c) Twice virtually between the 32 and 33 meetings of PCC.II, and the report of its virtual work is found in Document PCC.II-2019-33-4961 and its annexes PCC.II-2019-33-4961tp1 and PCC.II-2019-33-4961tp2
- d) In person during the 33 meeting of PCC. II, and its outcomes are found in Document PCC.II-2019-33-4985
- e) Once virtually between the 33 and 34 meeting of PCC.II, and the report of its work is found in document PCC.II-2019-34-5048r1 and its annexes PCC.II-2019-34-4998, PCC.II-2019-34-4998p1 and PCC.II-2019-34-4998p2

CURRENT WORK

Considering that the 34th Meeting of PCC.II was intended primarily to prepare for the 2019 World Radiocommunication Conference (WRC-19), the Ad Hoc Group held no did in-person sessions during it.

To date, the Ad Hoc group has two working documents, which are the update of information related to the review of the resolutions, decisions and recommendations passed by PCC.II, as described below:

- a) PCC.II-RADIO/doc.4998p1/19 – SUGGESTED ACTIONS ON DOUBTS AND SPECIAL CASES DETECTED DURING THE REVISION OF RES, REC AND DEC OF PCC II & PCC III
- b) PCC.II-RADIO/doc.4998p2/19 – LIST OF RESOLUTIONS, RECOMMENDATIONS AND DECISIONS ISSUED WITHIN THE CONTEXT OF PCC II/PCC III OF CITEL (updated to the 33 Meeting of PCC.II)

The work of the group will continue in 2020 with the goal of having an updated list of all PCC.II Resolutions, Decisions and Recommendations and to review other documents of PCC. II and PCC. III, such as manuals, guidelines; reports and questionnaires, specifically to assess their relevance and make them available on the CITEL website.