

PCC.II/DEC. 208 (XXXIII-19)¹

QUESTIONNAIRE ON UNLICENSED OR LICENSE-EXEMPT ACCESS TO FREQUENCY BANDS

The 33 Meeting of Permanent Consultative Committee II: Radiocommunications (PCC.II),

DECIDES:

1. To invite the CITEL Administrations to review and respond to the questionnaire included in the Annex attached to this document for the purposes of understanding the general and regulatory principles associated with the use of unlicensed or license-exempt access to frequency bands as a spectrum management technique.
2. To request that the Secretary of CITEL send the present decision to each CITEL Member State, indicating that all responses should be sent to the rapporteur carol.sosa@ane.gov.co, with copy to the Secretary (citel@oas.org).

ANNEX TO THE DRAFT DECISION CCP.II/DEC. XXXII-19

QUESTIONNAIRE

SECTION 1.

Please complete or modify the information contained in the following table, according to your administration information:

COUNTRY	ANTIGUA AND BARBUDA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM²)	

¹ PCC.II-2019-33-4943r4_i

² Industrial, Scientific and Medical radio bands

COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	ARGENTINA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	Shared spectrum bands
REGULATORY INSTRUMENT	Resolution
REGULATORY FRAMEWORK IN FORCE	Resolution 518, year 2018 – Ministry of Modernization. (Link: https://www.enacom.gob.ar/multimedia/normativas/2018/res581MM.pdf)
LAST UPDATE	2018
REGULATION FOR (ISM¹)	Resolution 518, year 2018
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	BAHAMAS
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	

RELATED REGULATIONS	
COMMENTS	

COUNTRY	BARBADOS
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	BELIZE
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	

EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	BOLIVIA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM ¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	BRAZIL
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	

REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	CANADA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	CHILE
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	COLOMBIA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	Open Spectrum
REGULATORY INSTRUMENT	Resolution
REGULATORY FRAMEWORK IN FORCE	<p>Resolution 711, year 2016 establishes open frequency bands in the country's territory and revokes certain provisions. Link: https://www.ane.gov.co/images/ArchivosDescargables/Normatividad/Planeacion_del_espectro/Resolucion711de2016.pdf?s=E188E447704D9209D3FC4A535F84039F5DE41639</p> <p>Resolution 461, year 2017 modifies Resolution 711, 2016 in order to establish usage conditions for TV White Space devices. Link: https://www.ane.gov.co/images/ArchivosDescargables/Normatividad/Planeacion_del_espectro/Resolucion461de2017.pdf?s=ECBB13543DFC8D247D10716041B16BB03C57B599</p>
LAST UPDATE	2017

REGULATION FOR (ISM¹)	Resolution 711, year 2016
COMMENTS	Currently an update is being developed
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	COSTA RICA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	Executive order
REGULATORY FRAMEWORK IN FORCE	Resolution 35257, year 2018 – Ministry of the Environment, Energy and Telecommunications. Link: https://sutel.go.cr/sites/default/files/normativas/pnaf-con-reforma-41458-micitt-06-12-2018.pdf
LAST UPDATE	2018
REGULATION FOR (ISM¹)	Resolution 35257, year 2018
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	COMMONWEALTH OF DOMINICA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	

REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	ECUADOR
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	Open Spectrum
REGULATORY INSTRUMENT	Resolution
REGULATORY FRAMEWORK IN FORCE	Resolution 661, year 2018 ARCOTEL. Link: http://www.arcotel.gob.ec/wp-content/uploads/2018/04/NORMA-ESPECTRO-DE-USO-LIBRE-Y-ESPECTRO-PARA-USO-DETERMINADO-EN-BANDAS-LIBRES.pdf
LAST UPDATE	2018
REGULATION FOR (ISM¹)	Resolution 661, year 2018 ARCOTEL
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	EL SALVADOR
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	ESTADOS UNIDOS DE AMÉRICA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	Unlicensed Frequency Bands
REGULATORY INSTRUMENT	Federal Telecommunications Code, Part 15
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	Federal Telecommunications Code, Part 15
COMMENTS	
EQUIPMENT HOMOLOGATION	

IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	GRENADA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	GUATEMALA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	

LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	REPUBLIC OF GUYANA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	HAITI
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	

REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	HONDURAS
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	JAMAICA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	MEXICO
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	Free Spectrum
REGULATORY INSTRUMENT	Inventory
REGULATORY FRAMEWORK IN FORCE	Inventory of frequency bands classified as open (free) spectrum. Link: http://www.ift.org.mx/sites/default/files/contenidogeneral/espectro-radioelectrico/inventariodebandasdefrecuenciasdeusolibrev.pdf
LAST UPDATE	2018
REGULATION FOR (ISM¹)	
COMMENTS	The Plenary Agreement dated April 5, 2017 included the 57-64 GHz band in the frequency band inventory, together with usage conditions. Link:

	http://www.ift.org.mx/sites/default/files/conocenos/pleno/sesiones/acuerdo/pift050417172.pdf
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	NICARAGUA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	PANAMA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	

REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	PARAGUAY
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	PERU
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	Unlicensed Bands
REGULATORY INSTRUMENT	Supreme Executive Order. General application rules for the Telecommunications Law.
REGULATORY FRAMEWORK IN FORCE	Supreme Executive Order #020-2007-Ministry of Transportation and Communications (MTC). Link: http://transparencia.mtc.gob.pe/idm_docs/normas_legales/1_0_2137.pdf
LAST UPDATE	2013
REGULATION FOR (ISM¹)	In the national plan for frequency allocation: Link: https://portal.mtc.gob.pe/comunicaciones/autorizaciones/servicios_privados/documentos/pnaf_act_feb08.pdf
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	DOMINICAN REPUBLIC
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	

COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	SAINT KITTS AND NEVIS
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	SAINT VICENT AND THE GRENADINES
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	

REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	SAINT LUCIA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	SURINAME
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	TRINIDAD AND TOBAGO
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	

RELATED REGULATIONS	
COMMENTS	








COUNTRY	URUGUAY
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	
EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

COUNTRY	VENEZUELA
LICENSE-EXEMPT OR UNLICENSED ACCESS TO SPECTRUM	
TERMINOLOGY USED	
REGULATORY INSTRUMENT	
REGULATORY FRAMEWORK IN FORCE	
LAST UPDATE	
REGULATION FOR (ISM¹)	
COMMENTS	

EQUIPMENT HOMOLOGATION	
IS THERE AN EQUIPMENT HOMOLOGATION PROCEDURE?	
RELATED REGULATIONS	
COMMENTS	

SECTION 2.

Does your Administration use the frequency band listed in the following table ?

Member State	Frequency Range (MHz)							
	0.31-0.32	0.6765-0.6795	0.13553-0.13567	0.26957-0.27283	40.66-40.70	402-405	433.05-434.79	462.55-467.7125
 Argentina								
 Colombia		YES	YES	YES	YES	YES	YES	
 Costa Rica		YES	YES	YES	YES	YES	YES	YES
 Ecuador		YES	YES	YES	YES	YES	YES	
 United States of America								
 Mexico								YES
 Peru								

[illegible]

[illegible]

SECTION 3.

Are there other frequency ranges used on unlicensed or licence-exempt basis in your country?

