

**ITUWRS**  
ONLINE2020

29<sup>TH</sup> WORLD RADIOCOMMUNICATION SEMINAR  
30 November – 11 December 2020

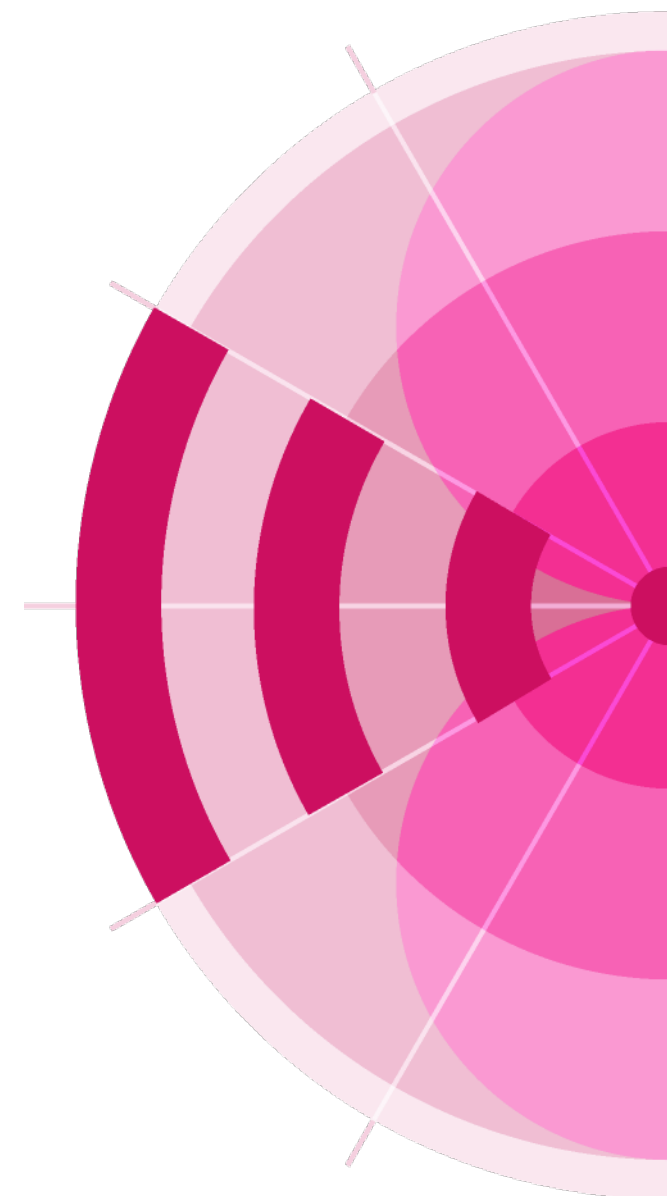
# Commenting on CR/C Special Sections

**Cessy Karina**

Space Service Department  
Radiocommunication Bureau

[www.itu.int/go/wrs-20](http://www.itu.int/go/wrs-20)

#ITUWRS




# Commenting on CR/C Special Sections

BR IFIC 2931

International Frequency  
Information Circular  
(Space Services)

13.10.2020



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UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION  
RADIOCOMMUNICATION BUREAU

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		NSS-G10-74W	SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/C/5310
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2931 / 13.10.2020
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	HOL	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	74 W	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL				06.05.2020

Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et est publiée conformément au numéro 9.38. Elle est subordonnée au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.

This request for coordination, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box.

Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N° 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado en la columna de la izquierda con una X en la casilla correspondiente.

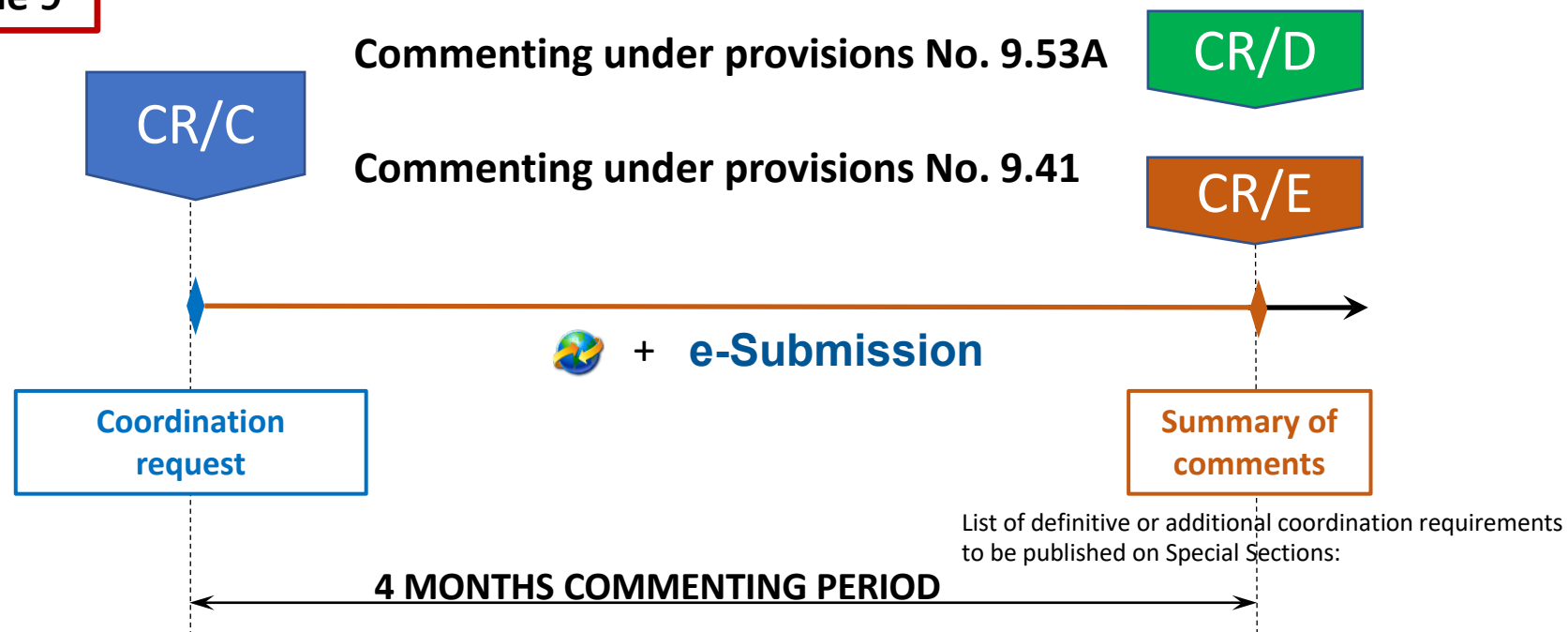
Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el cuadro I			
<input checked="" type="checkbox"/> 9.7	Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.	In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	De conformidad con los N° 9.50-9.52 del Reglamento de Radiocomunicaciones, se solicita a las administraciones señaladas en el cuadro I a continuación que comuniquen su decisión a la administración responsable y a la Oficina antes del plazo indicado más abajo.
<input type="checkbox"/> 9.7A			
<input type="checkbox"/> 9.7B			
<input checked="" type="checkbox"/> AP30#7.1			
<input checked="" type="checkbox"/> AP30A#7.1			
<input type="checkbox"/> RS539			
<input type="checkbox"/> RS33#3			
Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Formulario de coordinación remitido al cuadro II			
<input checked="" type="checkbox"/> 9.11	Les Administrations, énumérées ou non-énumérées dans le Tableau II ci-après, qui n'acceptent pas la demande de coordination au titre des numéros 9.11 à 9.14, 9.21 et RS33#2.1, sont priées de communiquer leurs observations à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous. Toute Administration qui ne réagira pas au titre du numéro 9.52 avant cette date limite sera considérée comme n'étant pas défavorablement influencée et, dans les cas couverts par les numéros 9.11 à 9.14 et RS33#2.1, les dispositions des numéros 9.48 et 9.49 s'appliqueront.	Administrations listed or not listed in Table II below, which do not agree to the request for coordination under Nos. 9.11 to 9.14, 9.21 and RS33#2.1 are requested to communicate their comments to the responsible administration and the Bureau by the deadline indicated below. Any administration not responding under No. 9.52 within this deadline shall be regarded as unaffected and, in the cases of Nos. 9.11 to 9.14 and RS33#2.1, the provisions of Nos. 9.48 and 9.49 shall apply.	Se invita a las administraciones, enumeradas o no en el cuadro II, que no estén de acuerdo con la solicitud de coordinación de conformidad con los N° 9.11 a 9.14, 9.21 y RS33#2.1 que comuniquen sus observaciones a la administración responsable y a la Oficina dentro del plazo indicado más abajo. Se considerará que toda administración que no responda de conformidad con el N° 9.52 dentro del plazo señalado, no está afectada y, en el caso de los N° 9.11 a 9.14 y RS33#2.1, se aplicarán las disposiciones de los N° 9.48 y 9.49.
<input checked="" type="checkbox"/> 9.11A			
<input type="checkbox"/> 9.12			
<input type="checkbox"/> 9.12A			
<input checked="" type="checkbox"/> 9.13			
<input checked="" type="checkbox"/> 9.14			
<input checked="" type="checkbox"/> 9.21/A			
<input checked="" type="checkbox"/> 9.21/B			
<input checked="" type="checkbox"/> 9.21/C			
<input type="checkbox"/> RS33#2.1			

DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN

13.02.2021

# Commenting on CR/C Special Sections

## Section II of Article 9



and Commenting under provisions No. 23.13B/C

ITU website

# No 9.53A

the treatment by the Bureau of comments in respect of a coordination request under **Nos.9.11 to 9.14 and 9.21**

## No. 9.52

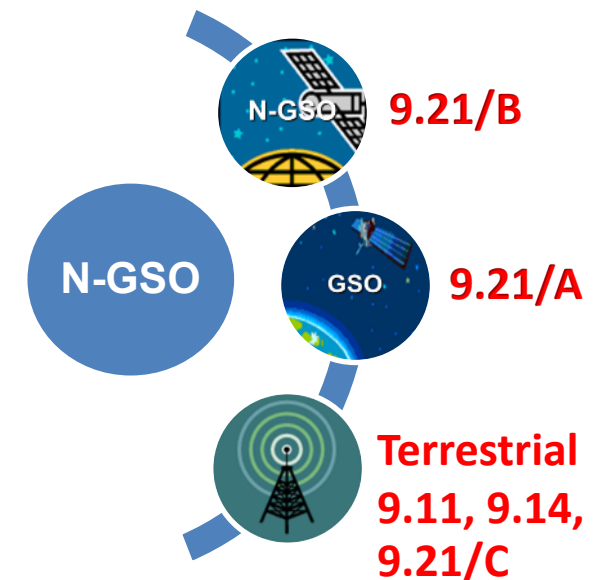
disagreements to be submitted by administrations within 4 months from the date of publication of the BR IFIC

## No. 9.52C

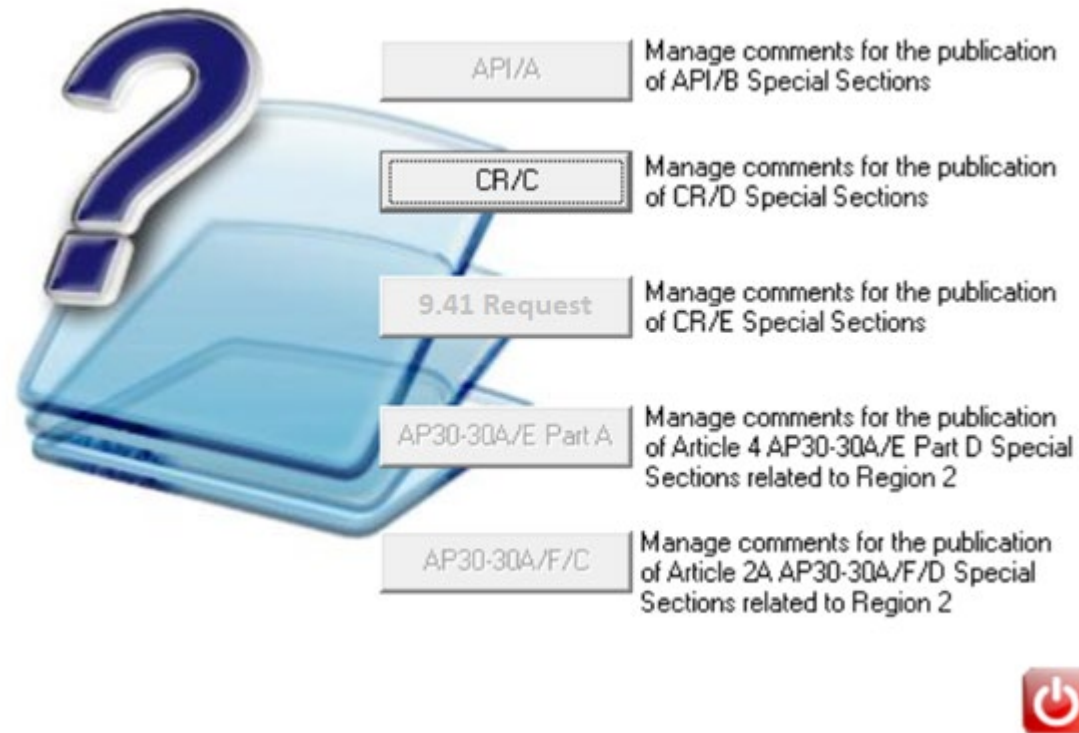
No disagreement within the 4 months period means agreement

## CR/C publication for EPFD review

No comment is required under 9.11A if the date of protection is kept



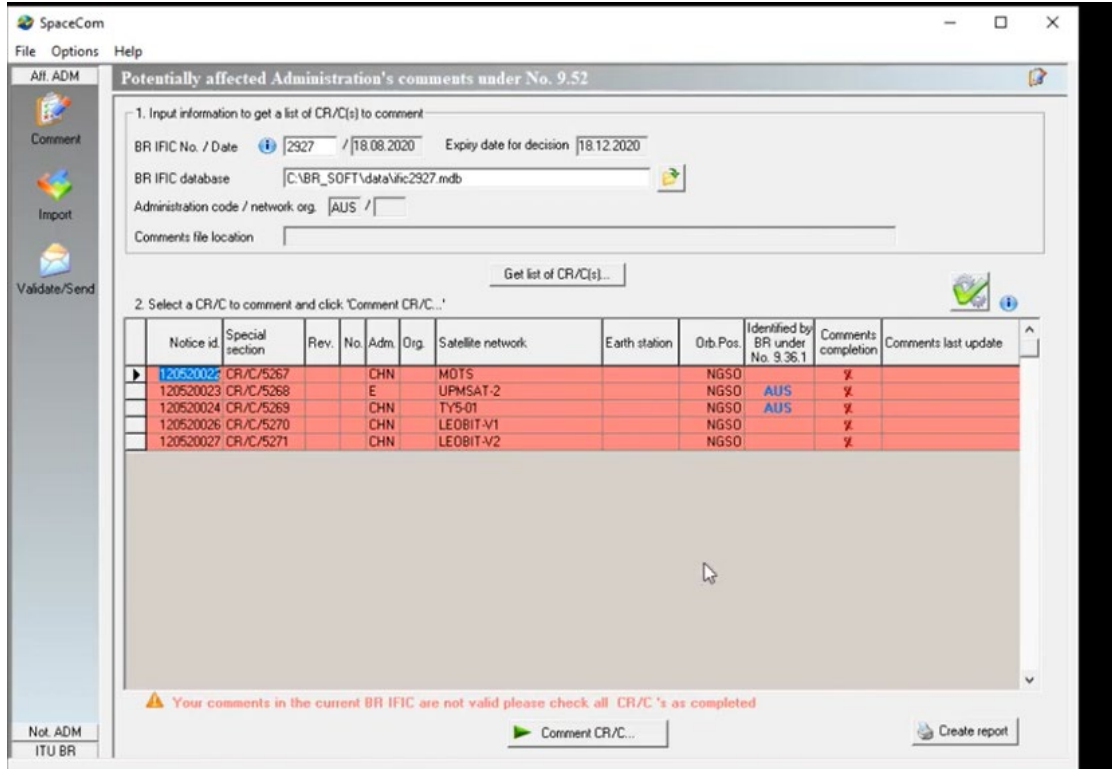
# Submission of Comments using SpaceCom



Step by Step Guidance of using SpaceCom to comment CR/C special sections can be found in :  
<https://www.itu.int/en/ITU-R/space/Pages/wrs2020SpaceWorkshopVideo.aspx>



A Sneek Peek to the video ,  
<https://www.youtube.com/watch?v=vfw3iyriMqw&feature=youtu.be>



1. Input information to get a list of CR/C(s) to comment

BR IFIC No. / Date: 2927 / 18.08.2020 Expiry date for decision: 18.12.2020

BR IFIC database: C:\BR\_SOFT\data\lic2927.mdb

Administration code / network org: AUS /

Comments file location:

Get list of CR/C(s)...

2. Select a CR/C to comment and click 'Comment CR/C...'

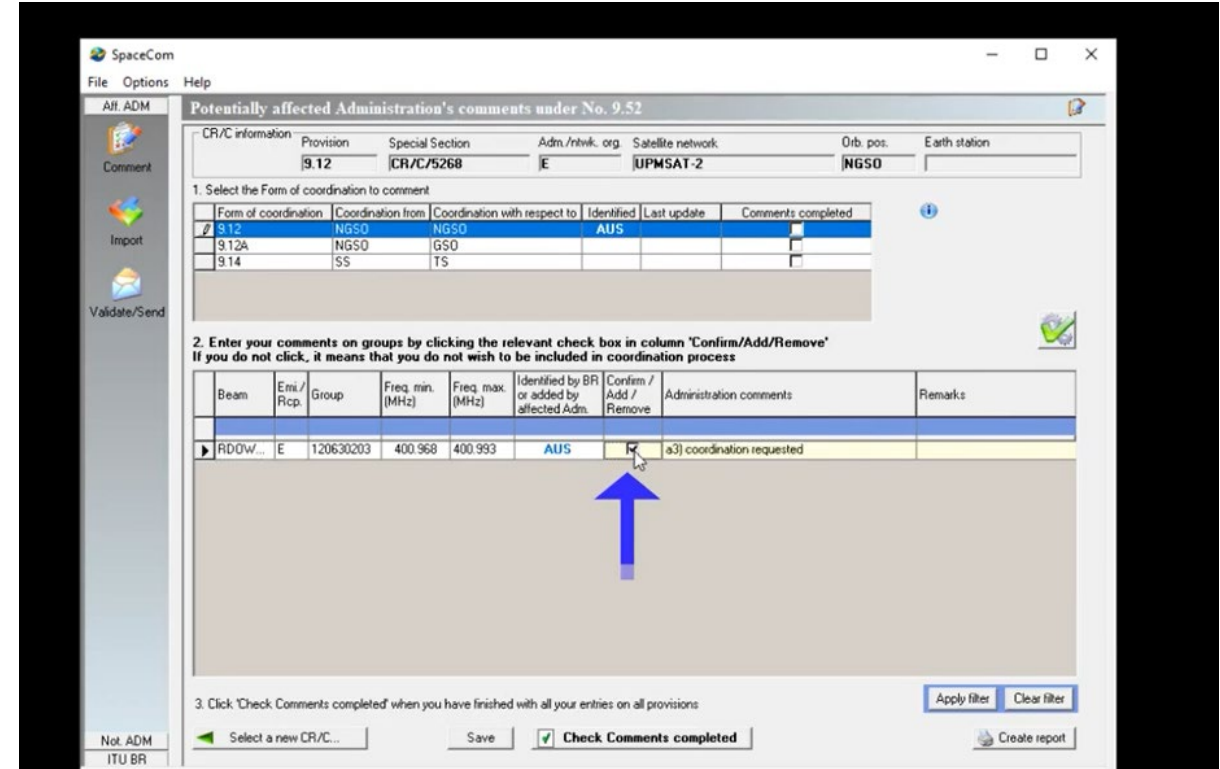
Notice id	Special section	Rev.	No.	Adm.	Org.	Satellite network	Earth station	Orb Pos.	Identified by BR under No. 9.36.1	Comments completion	Comments last update
120520022	CR/C/5267			CHN		MOTS		NGSO			
120520023	CR/C/5268			E		UPMSAT-2		NGSO	AUS		
120520024	CR/C/5269			CHN		TY5-01		NGSO	AUS		
120520026	CR/C/5270			CHN		LEOBIT-V1		NGSO			
120520027	CR/C/5271			CHN		LEOBIT-V2		NGSO			

⚠ Your comments in the current BR IFIC are not valid please check all CR/C's as completed

Comment CR/C... Create report

Not ADM  
ITU BR

Only CR/C Special Sections containing at least one request for coordination subject to No. 9.53A are proposed



CR/C information: Provision: 9.12 Special Section: CR/C/5268 Adm./network org: E Satellite network: UPMSAT-2 Orb. pos.: NGSO Earth station:

1. Select the Form of coordination to comment

Form of coordination	Coordination from	Coordination with respect to	Identified	Last update	Comments completed
9.12	NGSO	NGSO	AUS		
9.12A	NGSO	GS0			
9.14	SS	TS			

2. Enter your comments on groups by clicking the relevant check box in column 'Confirm/Add/Remove'. If you do not click, it means that you do not wish to be included in coordination process

Beam	Emi / Rcp.	Group	Freq. min. (MHz)	Freq. max. (MHz)	Identified by BR or added by affected Adm.	Confirm / Add / Remove	Administration comments	Remarks
RDOW...	E	120630203	400 968	400 993	AUS	<input checked="" type="checkbox"/>	a3) coordination requested	

3. Click 'Check Comments completed' when you have finished with all your entries on all provisions

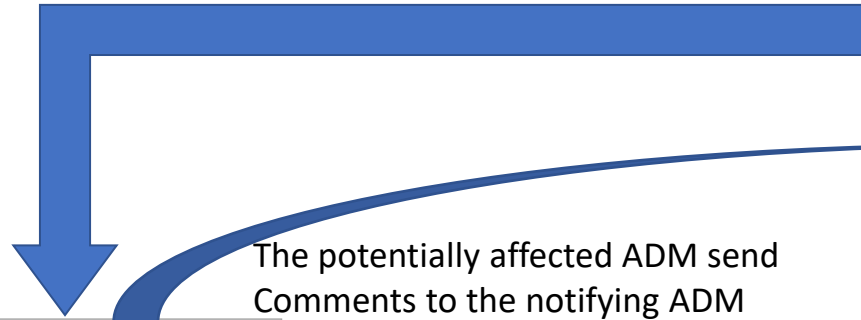
Select a new CR/C... Save Check Comments completed Create report

Not ADM  
ITU BR

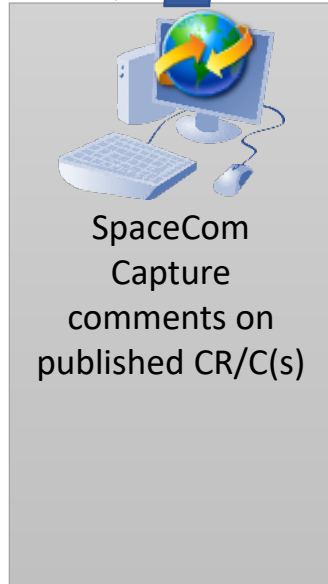
Enter your comments by clicking the relevant check box in column 'Confirm/Add/Remove'



Publication of CRC in BR IFIC

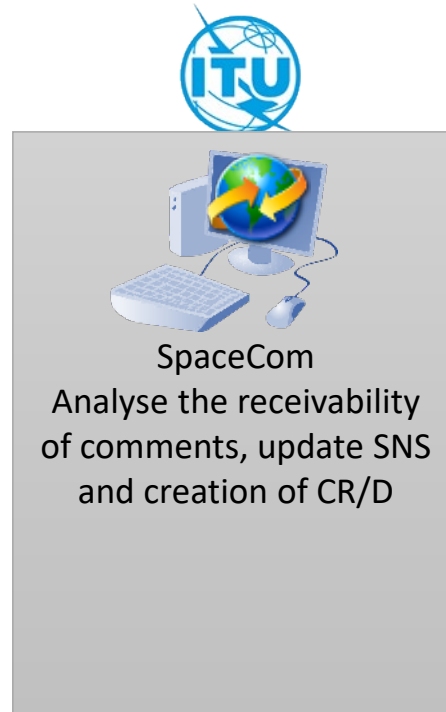


The potentially affected ADM send  
Comments to the notifying ADM

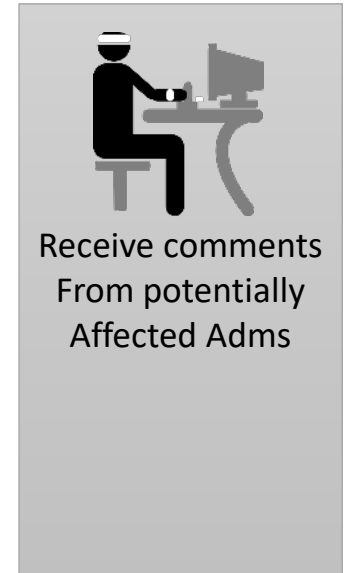


Each potentially affected ADM  
Commenting on a CR/C

Send copy of comments  
in mdb file (E-submission)



Publication of CRD in BR IFIC



Notifying ADM responsible for  
a satellite network published in CR/C



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		MONASAT-52EC		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/D/4211
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2928 / 01.09.2020
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	MCO	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	52 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	
				119520255	

X	9.11	1. La présente Section spéciale est publiée conformément au numéro 9.53A du Règlement des radiocommunications, et concerne la demande de coordination publiée dans la section spéciale CR/C indiquée au bas de cette page.  2.* Les administrations qui ont soumis des observations au titre du numéro 9.52 dans le délai de quatre mois suivant la date de publication de la Section spéciale CR/C précitée, concernant le type de coordination indiqué par une croix (X) dans la case appropriée de la colonne de gauche, sont indiquées dans les Tableaux I et II ci-dessous.  3.* Conformément au numéro 9.52C, toute administration autre que celles qui ont formulé des observations dans le délai réglementaire, sera réputée ne pas être affectée, et dans le cas de demande de coordination au titre des numéros 9.11 à 9.14 les dispositions des numéros 9.48 et 9.49 s'appliqueront.	1. This Special Section is published in accordance with No. 9.53A of the Radio Regulations, in respect of the request for coordination published in the CR/C Special Section referenced at the bottom of this page.  2.* Administrations that have submitted comments under No. 9.52 within four months of the date of publication of the mentioned CR/C Special Section, with respect to the form of coordination indicated in the left-hand column by an X in the relevant box, are listed in Tables I and II below.  3.* Pursuant to No. 9.52C, any administration other than those having submitted comments within the regulatory time-limit shall be regarded as unaffected, and in the case of coordination requests under Nos. 9.11 to 9.14 the provisions of Nos. 9.48 and 9.49 shall apply.	1. Esta Sección Especial se publica de conformidad con lo dispuesto en el número 9.53A del Reglamento de Radiocomunicaciones, en lo que respecta a la solicitud de coordinación publicada en la Sección Especial CR/C cuya referencia se indica en el extremo de esta página.  2.* En los Cuadros I y II que figuran a continuación se enumeran las administraciones que han presentado comentarios conforme al número 9.52 dentro de un plazo de cuatro meses a partir de la fecha de publicación de la Sección Especial CR/C mencionada, con respecto al tipo de coordinación indicado en la columna de la izquierda mediante una X en el casillero correspondiente.  3.* Según lo dispuesto en el 9.52C, toda administración que no haya presentado comentarios en el plazo de tiempo reglamentario se considerará como no afectada, y a las peticiones de coordinación previstas en los números 9.11 a 9.14 se le aplicarán las disposiciones de los números 9.48 y 9.49.
X	9.11A			
	9.12			
	9.12A			
X	9.13			
X	9.14			
X	9.21/A	2.* et 3.* ne sont pas applicables, conformément au numéro 5.474A, aux bandes de fréquences 9 200 - 9 300 MHz et 9 900 - 10 400 MHz	2.* and 3.* are not applicable, in accordance with No. 5.474A, to the frequency bands 9 200 - 9 300 MHz and 9 900 - 10 400 MHz	De conformidad con lo dispuesto en el número 5.474A, 2.* y 3.* no son de aplicación a las bandas de frecuencias 9 200 - 9 300 MHz y 9 900 - 10 400 MHz
X	9.21/B			
X	9.21/C			
	RS33#2.1			

RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE)  
SPECIAL SECTION REFERENCE (BR IFIC / DATE)  
REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)

CR/C/5130 (BR IFIC 2917 / 31.03.2020)



CRC

Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول					
Disposition / Provision / Disposición / 條款 / Положение / الحكم		Administrations susceptibles d'être défavorablement influencées (à titre d'information uniquement, voir numéro 9.36.1)	Potentially affected administrations (for information only, see No. 9.36.1)	Administraciones posiblemente afectadas (sólo para información, véase el N° 9.36.1)	
		可能受影响的主管部门(仅供参考, 见第 9.36.1款)	Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)	إدارات محتمل أن تتأثر سلباً غير موثقة (انظر الرقم 1.36.9، على سبيل الإطلاع فقط)	
X	9.11	E, F, KGZ, POR, RUS, SVN, UAE			
X	9.11A				
	9.12				
	9.12A				
	X	9.13	AUS, CAN, CHN, CYP, D/GLS, D, F/ESA, F/GLS, F, G, HOL, I/GLS, IND, ISR, J, LIE, LUX, NOR, NZL, PNG, RUS/IK, RUS, SLM, UAE, USA, VTN		
	X	9.14	AFG, AFS/MRN, AFS, AGL, ALB, ALG, AND, ARM*, ARS*, AUS/CHR, AUS/HMD, AUS/ICO, AUS*, AUT*, AZE, BDI, BEL*, BEN, BFA, BGD, BHR*, BIH*, BLR, BOT, BRM, BRU, BTN, BUL, CAF, CBG, CHN/HKG*, CHN/MAC, CHN*, CLN*, CME, COD, COG, COM, CPV, CTI, CVA, CYP, CZE*, D*, DJI*, DNK/FRO, DNK*, E/CNR*, E*, EGY*, ERI*, EST, ETH, F/AMS, F/CRO, F/KER, F/MYT, F/REU*, F*, FIN*, G/ASC, G/DGA, G/GCA, G/GIB*, G/SHN, G/TRC, G*, GAB, GEO, GHA, GMB, GNB*, GNE, GRC*, GUI, HNG*, HOL*, HRV*, I*, IND*, INS*, IRL*, IRN*, IRQ, ISL, ISR*, J*, JOR*, KAZ, KEN, KGZ*, KOR*, KRE, KWT*, LAO, LBN, LBR, LBY, LIE, LSO, LTU*, LUX, LVA*, MAU/ROD, MAU, MDA*, MDG, MKD*, MLA, MLD, MLI, MLT*, MNE*, MNG*, MOZ, MRC*, MTN, MWI, NGR, NIG*, NMB, NOR/BVT, NOR*, NPL, OMA*, PAK*, PHL*, PLW, POL, POR/AZR, POR/MDR, POR*, QAT*, ROU*, RRW, RUS*, S*, SDN, SEN*, SEY, SMR, SNG, SOM, SRB*, SRL, SSD, STP, SUI/AUT*, SUI/I*, SUI*, SVK*, SVN*, SWZ, SYR*, TCD, TGO, THA, TJK, TKM*, TLS, TUN, TUR*, TZA, UAE*, UGA, UKR*, USA/D*, UZB*, VTN, XZZ/AOE*, XZZ/XBY, XZZ/XGZ, XZZ/XSP, XZZ/XWB, YEM*, ZMB, ZWE.		
X	9.21/A <sup>1</sup>	ARS/ARB, AUS, AZE, B, BEL, BLR, CHN, CLM, CYP, D, E, EGY, ETH, F, G, HOL, I, IND, INS, ISR, J, KOR, LUX, MLA, MLD, NOR, PAK, PNG, QAT, RUS/IK, RUS, S, THA, TUR, UAE, UKR, USA			
X	9.21/B <sup>1</sup>	CAN, CHN, CYP, D, F, HOL, LUX, NOR, PNG, RUS, SLM, USA			
X	9.21/C <sup>1</sup>	ARM, ARS, AUS, AZE, BEL, BLR, CHN, CZE, D, E/CNR, E, F, G, GRC, HNG, HRV, I, INS, IRL, IRN, J, KAZ, KGZ, KOR, KRE, LAO, LTU, MDA, MLA, MRC, OMA, POR, RUS, S, SEN, SNG, SVK, SVN, SYR, UAE, UKR, UZB			
	RS33#2.1				

Tableau I / Table I / Cuadro I / 表一 / Таблица I / I الجدول

Disposition / Provision / Disposición / 條款 / Положение / الحكم		Récapitulatif des coordinations à effectuer	Summary of coordination requirements	Resumen de los requisitos de coordinación
		协调要求概述	Сводные данные о будущей координации	ملخص متطلبات التنسيق
X	9.11	E, EGY, F, J, KGZ, MRC, POR, UAE		
X	9.11A			
	9.12			
	9.12A			
X	9.13	AUS, CAN, CHN, CYP, D/GLS, D, F/ESA, F/GLS, F, G, HOL, I/GLS, IND, ISR, LIE, NOR, NZL, PNG, RUS/IK, RUS, SLM, UAE, USA, VTN		
X	9.14	ALG, ARM, ARS, AUS/CHR, AUS/HMD, AUS/ICO, AUS, AZE, BUL, CHN/HKG, CHN/MAC, CHN, CTI, CYP, CZE, D, E/CNR, E, EGY, F/AMS, F/CRO, F/GER, F/MYT, F/REU, F, FIN, G/ASC, G/DGA, G/GCA, G/GIB, G/SHN, G/TRC, G, GAB, GRC, HNG, HOL, HRV, I, IND, INS, IRN, IRQ, ISR, J, KAZ, KGZ, KOR, LTU, MLA, MLT, MRC, OMA, PAK, POR/AZR, POR/MDR, POR, QAT, ROU, RRW, RUS, S, SDN, SNG, SUI/AUT, SUI/I, SUI, SYR, TUN, TUR, UAE, UKR, USA/D, UZB, VTN		
X	9.21A	ARS/ARB, AUS, AZE, B, CHN, CYP, D, E, EGY, F, HOL, IND, INS, ISR, KOR, LUX, MLA, PAK, PNG, QAT, RUS/IK, RUS, S, THA, TUR, UAE, UKR, USA		
X	9.21B	CAN, CHN, CYP, D, F, HOL, PNG, RUS, SLM, USA		
X	9.21C	ARM, ARS, AUS, AZE, BLR, CHN, D, E/CNR, E, EGY, F, G, GRC, HRV, I, INS, IRN, KAZ, KGZ, KOR, MLA, MRC, OMA, S, SNG, UAE, UKR, UZB		
	RS33#2.1			

CRD

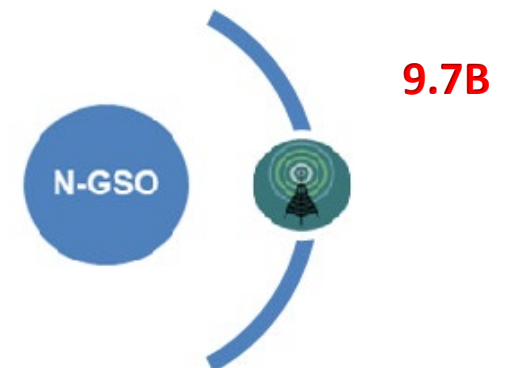
contains list of administrations having submitted their disagreement (No.9.53A)

# No 9.41

the treatment by the Bureau of comments in respect of a coordination request under **Nos. 9.7, 9.7A and 9.7B**

## No. 9.43

No request within the 4 months period means agreement



## Inclusion/Exclusion under No.9.7:

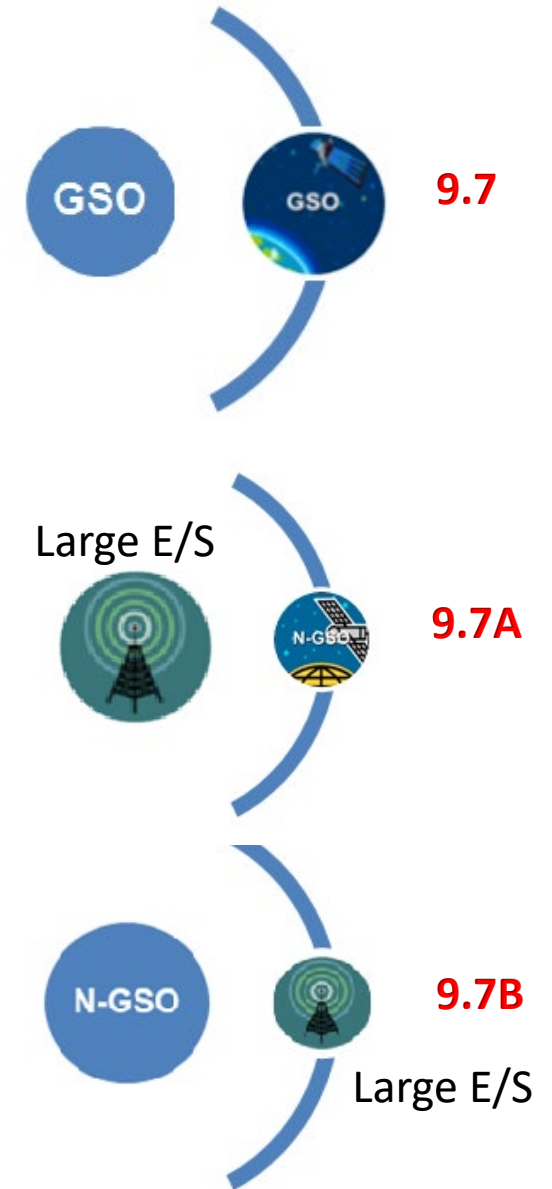
- applicable in the frequency bands where coordination arc is applied
- $\Delta T/T > 6\%$  criterion (method in Appendix 8)
- Allows inclusion of the networks located beyond coordination arc
- RoP : A **sample of  $\Delta T/T \geq 6\%$  (one pair of assignments)** for incoming and existing assignments **shall be provided to the Bureau** (e.g. file AP8\_OPT.LST generated with GIBC/AP8 or other calculations showing  $\Delta T/T \geq 6\%$ )

In exceptional cases of the potential mistake in CR/C publication, if administration finds that any of its satellite networks not identified under No.9.36.2 by the Bureau using  $\Delta T/T$  criteria, should have been included in the CR/C, it may still request its inclusion under No. 9.41.

## Inclusion / Exclusion under No. 9.7A and 9.7B:

Addition/exclusion under No. 9.41 is based on:

- Before only using frequency overlap
- With EPFD Validation Software, would include verification of Equivalent Power Flux Densities levels produced by Non-GSOs



# New Appendix 8 software helps to provide example of dT/T calculation for submission under No. 9.41

GIBC SNS V9 - Graphical Interface for Batch Calculations

Power Control

Tools / Options

PFD NGSO

PFD (terrestrial serv.)

PFD (space serv.)

Appendix 7

Appendix 30B

Appendix 30 30A

EPFD

Appendix 8

Network 

Start

Cancel

☒ 9.41 Examination Outside of the Coordination Arc  
(Please enter Adm/NetworkOrg below)

Filtering Existing Networks

Network

Year - Month - Date

Network Org

Adm

Message

It is required to specify the administration and/or international organization

## Reporting and Review results tools

Ap8Results 1.0.0.0

Administration	Satellite name	Date of receipt	Status	Notification reason	Nominal longitude
F	F-SAT-N8-139W	11/23/2019	50	C	-139

Incoming Id	Existing Id	Finished Ok	Production	User name	Started at	Finished at	Run time
119520323	119520094	Y	N	karina	11/3/2020 3:22:54 PM	11/3/2020 3:23:05 PM	11s

Results Summary

Affected Networks

Incoming groups

Coordination Arc

ΔT/T Up Case I

ΔT/T Up Case II

ΔT/T Down Case I

ΔT/T Down Case II

ΔT/T Overall

Error Messages

Affected Administrations

Drag a column header here to group by that column

Inc grp id	Coord prov	Agree st
119791217	9.41	T
119791171	9.41	T
119791172	9.41	T
119791173	9.41	T
119791174	9.41	T
119791175	9.41	T
119791086	9.41	T
119791087	9.41	T
119791088	9.41	T
119791089	9.41	T
119791090	9.41	T
119791091	9.41	T
119791092	9.41	T
Total: 536		

Print

MS Excel

Text

Image

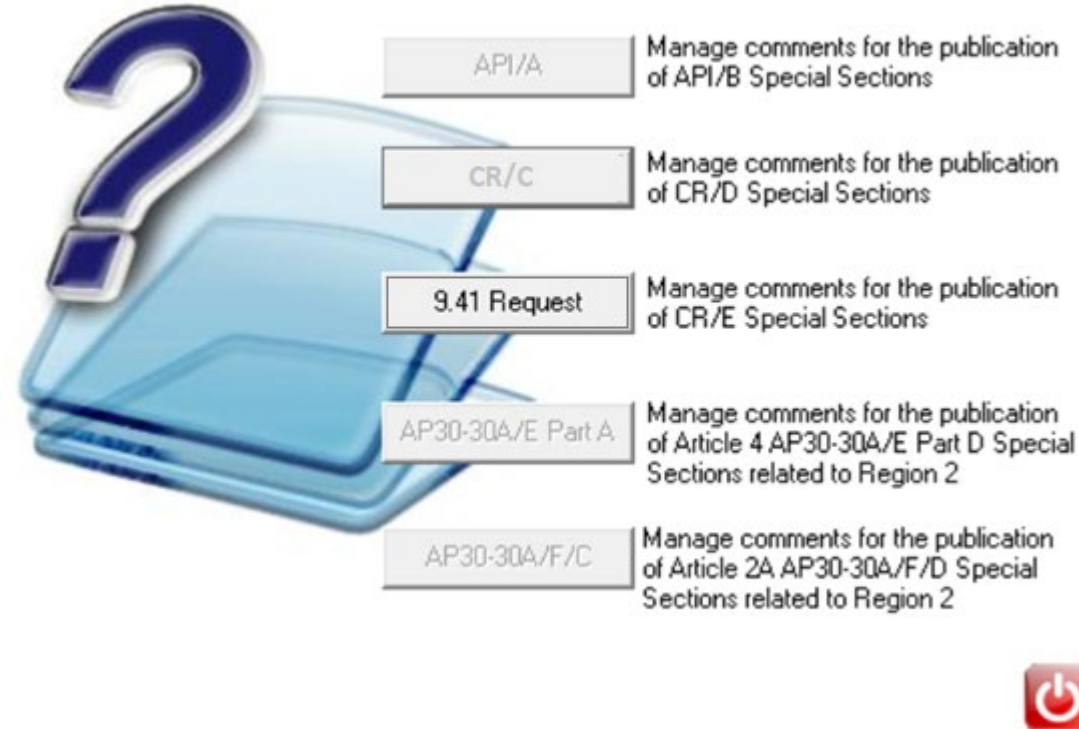
Save Layout

My Layout



Affected Networks									
Drag a column header here to group by that column									
Inc ntc id	Coord prov	Agree st	Aff ntc id	Satellite name	Adm/Ntwk org	Nominal longitu...	Notification reas...	Status aff	C/R
119520323	9.41	T	119520094	ADF 104E IOR	AUS	104	C	50	C/R

# Submission of Comments using SpaceCom



Step by Step Guidance of using SpaceCom to comment CR/C special sections can be found in :  
<https://www.itu.int/en/ITU-R/space/Pages/wrs2020SpaceWorkshopVideo.aspx>



A Sneek Peek to the video ,  
<https://www.youtube.com/watch?v=bGdPhspMEtI&feature=youtu.be>

**Potentially affected Administration's comments under No. 9.41**

CR/C information

Provision	Special Section	Adm./nlwk. org	Satellite network	Orb. pos.	Comments NOT completed
9.7IAI; 9.7AIF; 9.7BIF	CR/C/5208	F	F-SAT-N8-139W	-139.00	

1. Enter your comments by filling the relevant boxes

Satellite name	Delta T/T or Other calc.	9.7 IAI	9.7A IF	Adm. comments
*				

Earth station name	Delta T/T or Other calc.	9.7B IF	Adm. comments
*			

Remark:

2. Click 'Check Comments completed' when you have finished with all your entries

Select a new CR/C... Save Check Comments completed Create report

**Delta T/T or other calculation has to be attached to the request, otherwise the request will be rejected!**

Depending on the CR/C commented, select in the list of satellite name or the list of earth station name the one you want to include in the coordination

**GIBC SNS V9 - Graphical Interface for Batch Calculations**

Power Control | Tools / Options | PFD NGSSO

PFD (terrestrial serv.) | PFD (space serv.) | Appendix 7

Appendix 30B | Appendix 30 30A | EPFD | Appendix 8

Network: 119520323 F-SAT-N8-139W Start Cancel

☒ 9.41 Examination Outside of the Coordination Arc (Please enter Adm/Network/Org below)

Filtering Existing Networks

Network: Adm: Year - Month - Date: Network Org:

Message

Results

View Results Report File Open Folder Log File Database

Version: 9.0.0.0 Appendix 8 View Notes

**Input:**

- Incoming network id
- checked 9.41 examination
- your administration
- Existing network id



Publication of CRC in BR IFIC



SpaceCom  
Analyse the  
receivability of  
comments,  
update SNS and  
creation of CR/E



Publication of CRE in BR IFIC



SpaceCom  
Capture  
comments on  
published CR/C(s)

Send copy of comments  
in mdb file (E-Submission)



Send copy of comments  
in mdb file (E-Submission)



SpaceCom  
Capture  
comments on  
published CR/C(s)

Each potentially affected ADM  
Commenting on a CR/C

Notifying ADM responsible for  
a satellite network published in CR/C



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION  
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES  
OFICINA DE RADIOCOMUNICACIONES

© I.T.U.

RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		MONASAT-52EC		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/E/2107
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2931 / 13.10.2020
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	MCO	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	52 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	119520255

X	9.41/9.7	1. La présente Section spéciale est publiée conformément au numéro 9.42 du Règlement des radiocommunications, en ce qui concerne la demande de coordination publiée dans la Section spéciale CR/C citée en référence au bas de cette page.	1. This Special Section is published in accordance with No. 9.42 of the Radio Regulations, in respect of the request for coordination published in the CR/C Special Section referenced at the bottom of this page.	1. Esta Sección Especial se publica de conformidad con el número 9.42 del Reglamento de Radiocomunicaciones al respecto de la solicitud de coordinación publicada en la Sección Especial CR/C indicada al final de esta página.
	9.41/9.7A	2. Les administrations qui ont soumis des observations au titre du numéro 9.41 dans les quatre mois qui ont suivi la publication des Sections spéciales susmentionnées, en ce qui concerne la forme de la coordination indiquée dans la colonne de gauche par un X dans la case appropriée, sont énumérées dans le Tableau 1 ci après.	2. Administrations that have submitted comments under No.9.41 within four months of the date of publication of the mentioned CR/C Special Sections, with respect to the form of coordination indicated in the left-hand column by an X in the relevant box, are listed in Table-I, below.	2. Las Administraciones que han presentado comentarios con arreglo al número 9.41 en el plazo de cuatro meses a partir de la fecha de publicación de la mencionada Sección Especial CR/C, con respecto al formulario de coordinación indicado en la columna izquierda introduciendo una X en la casilla correspondiente, se indican en el Cuadro-I, que aparece más adelante.
	9.41/9.7B			

RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE)  
SPECIAL SECTION REFERENCE (BR IFIC / DATE)  
REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)

CR/C/5130 (BR IFIC 2917 / 31.03.2020)

CRC

Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I			
Disposition / Provision / Disposición / 條款 / Положение / الحكم	Résumé des conditions régissant la coordination		Resumen de los requisitos de coordinación
	协调要求概述		موجز بمتطلبات التنسيق
X	9.7	ALG, ARG, ARM, ARS/ARB, ARS, AUS, AZE, B, BEL, BLR, BOL, BUL, CAN, CBG, CHN, CLM, CYP, CZE, D/EUM, D, E, EGY, ETH, F/EUT, F, G, GRC, HOL, I, IND, INS, IRN, ISR, J, JOR, KAZ, KOR, LAO, LUX, MEX, MLA, MLD, MNG, NCG, NIG, NOR, NPL, OMA, PAK, PNG, QAT, RUS/IK, RUS, S, SUI, THA, TUR, UAE, UKR, USA, VTN	

CRE

contains list of administrations/satellite networks, requested and confirmed by the Bureau for inclusion (No.9.42)

Disposition / Provision / Disposición / 條款 / Положение / الحكم		Administrations incluses dans le processus de coordination.	Administration included in the coordination process	Administraciones incluidas en el procedimiento de coordinación
		协调过程中包括的主管部门	Администрации, включенные в процесс координации	الإدارات التي تشملها عملية التنسيق
X	9.41 / 9.7	BUL, EGY, J, KOR, OMA, PAK, RUS, UAE		
	9.41 / 9.7A			
	9.41 / 9.7B			

A1f1 Notif. adm.	A1f3 Inter. sat. org.	A1a Sat. Network	A4a1 Orbital long.	BR3b Category of notif.	BR25 A/T	BR6a Id. no.	BR26 Causing interference	BR27 Receiving interference
BUL		BUL-QV-1.9E	1.9 E	C	A	117520484		R
		BULSAT-1.9E	1.9 E	C	A	112520195		R
EGY		EGJAN1A	7 W	C	A	114520032	C	R
		EGY-N-SAT	7 W	C	A	116520263	C	R
		EGYCOMM0A	35.5 E	C	A	109520318	C	R
		EGYCOMM0A	35.5 E	N	A	118500131	C	R
		EGYCOMM2A	2 E	C	A	116520436	C	R
		EGYCOMM3A	6 E	C	A	116520437	C	R
		EGYCOMM5A	18 E	C	A	116520438	C	R
		EGYCOMM8A	35.5 E	C	A	116520230	C	R
J		NBSAT-21AX	110 E	C	A	115520051		R
		NBSAT-21BX	109.85 E	C	A	115520052		R
		NBSAT-21CX	109.65 E	C	A	115520053		R
KOR		COMS-128.2E	128.2 E	N	A	110500112	C	R
		GEO-KOMPSAT-2-128.2E	128.2 E	C	A	115520089	C	R
		INFOSAT-B	113 E	N	A	108500797	C	R
		INFOSAT-C	116 E	N	A	99500246	C	R
		KOREASAT-1	116 E	N	A	95500170	C	R
		KOREASAT-113E	113 E	N	A	106500308	C	R
		KOREASAT-113K	113 E	C	A	111520381	C	R
		KOREASAT-113K	113 E	N	A	118500282	C	R
		KOREASAT-116	116 E	C	A	114520131	C	R
		KOREASAT-116.0E	116 E	C	A	110520358	C	R
		KOREASAT-116.0E	116 E	N	A	119500180	C	R
		KOREASAT-116A	116 E	C	A	116520403	C	R
		KOREASAT-116K	116 E	C	A	111520382	C	R
		KOREASAT-116K	116 E	N	A	118500020		R
		KOREASAT-128.2E	128.2 E	C	A	118520087	C	R
		KOREASAT-2	113 E	N	A	95500171	C	R
		KOREASAT-93E-MT2	93 E	C	A	118520263	C	R
		KOREASAT-97E-MT2	97 E	C	A	115520212	C	R
		KTSAT-113E	113 E	C	A	117520012	C	R

CR/E/2107

Final List of coordination requirements (Administrations and networks)  
published in CR/E + CR/C

# Comments relating to the exclusion of the territory of a country from the service area of a space station

## Nos.23.13B and 23.13C

- If an Administration is objecting for inclusion of its territory in the service area of a space station
- Only applicable to assignments in the Broadcasting-Satellite Service (except sound broadcasting)

Published in <https://www.itu.int/net/ITU-R/space/snl/list2313/list2313nplan.asp>

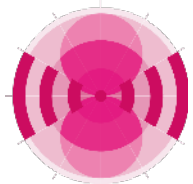
Non-Planned band satellite networks - Broadcasting Satellite Service, service area exclusion requests under RR 23.13 - Last update: BR IFIC 2932 of 27/10/2020

Your query : / Type = gso or ngso

[Complete list](#) - [Explanations](#) - [Export in txt format](#) - [Export in Excel format](#)

Go to page : [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#) [17](#) [18](#) [19](#) [20](#) [21](#) [22](#) [23](#) [24](#) [25](#) [26](#)

Notice ID (SNS)	Satellite Name (SNL Part B)	adm	ntwk_org	long_nom	ssn_ref	ssn_no	Part/ Art.	ssn rev	ssn rev no	BR IFIC No	BR IFIC date	Administration requesting exclusion from service area	Date of receipt of the request	< 4 months	Remarks
<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>				<a href="#">up</a> <a href="#">down</a>		<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>	<a href="#">up</a> <a href="#">down</a>
<a href="#">119520137</a>	TURKSAT-42E-G	TUR		42	CR/C	5042		M	1	2917	31.03.2020	UAE	20.07.2020	yes	
<a href="#">115520019</a>	PACIFISAT-116.1E	PNG		116.1	CR/C	3746				2800	04.08.2015	SNG	15.06.2020	no	
<a href="#">319520136</a>	PAKSAT-MM1-38.2E-KA	PAK		38.2	CR/C	4441		M	3	2908	12.11.2019	INS	22.01.2020	yes	
<a href="#">319520038</a>	ENSAT-14.5E-A	RUS		14.5	CR/C	4480		M	1	2897	11.06.2019	CHN	18.10.2019	yes	
<a href="#">319520037</a>	ENSAT-12.8E	RUS		12.8	CR/C	3871		M	1	2897	11.06.2019	IRN	06.10.2019	yes	
<a href="#">319520038</a>	ENSAT-14.5E-A	RUS		14.5	CR/C	4480		M	1	2897	11.06.2019	IRN	06.10.2019	yes	







# The WRC revisits the ITU's Radio Regulations

**Potentially affected Administration  
and/or  
Telecommunication Operator** (for the affected Administration)  
captures comments with SpaceCom software Special section CR/C  
in BR IFIC DVD ROM, sends to BR within 4 months



**ITU-BR**

Merges and examines the comments  
Publication Draft\_CR/D in BR IFIC DVD ROM



**Notifying Administration**

Validates and sends Draft\_CRD with SpaceCom



**ITU-BR**

Publishes Affected Administration comments in Special section  
CR/D in BR IFIC DVD ROM

No more draft CRD

# Provisions 9.11 at 1467 – 1492 MHz

Resolution 761 (WRC-19)

Different regions, different administrations,  
different applicability of provision under No. 9.11

SpaceCom

File Options Help

Aff. ADM

Comment

Import

Validate/Send

### Potentially affected Administration's comments under No. 9.52

CR/C information

Provision	Special Section	Adm./ntwk. org	Satellite network	Orb. pos.
9.11	CR/C/5279	LUX	LUX-G14-8	28.20

1. Select the Form of coordination to comment

Form of coordination	Coordination from	Coordination with respect to	Identified	Last update	Comments completed
9.11	SS	TS			<input type="checkbox"/>
9.13	GSO	NGSO			<input type="checkbox"/>
9.14	SS	TS			<input type="checkbox"/>
9.21/A	SS	GSO	EGY		<input type="checkbox"/>
9.21/B	SS	NGSO	EGY		<input type="checkbox"/>
9.21/C	GSO/NGSO	TS			<input type="checkbox"/>

2. Enter your comments on groups by clicking the relevant check box in column 'Confirm/Add/Remove'  
If you do not click, it means that you do not wish to be included in coordination process

Beam	Emi./Rcp.	Group	Freq. min. (MHz)	Freq. max. (MHz)	Identified by BR or added by affected Adm.	Confirm / Add / Remove	Administration comments
TA2R	E	120624242	17300.000	17800.000	*	<input type="checkbox"/>	<- *Check to add aff. Adm.
TL1R		120624270	1467.000	1492.000	*	<input type="checkbox"/>	<- *Check to add aff. Adm.
		120624271			*	<input type="checkbox"/>	<- *Check to add aff. Adm.

## Confirm your addition in coordination

If your Administration's territory is in Region 1 except those listed in 5.342, please note that PFD hard limits are applicable and your request is not receivable (see No.9.6.3 of RR).

If your Administration's territory is in Region 2 or listed in No. 5.342 and if the territory of your administration is visible from the satellite. Please note that if your Administration's territory is not visible, your request is not receivable.

If your Administration's territory is in Region 3 or listed in No. 5.346 and use frequency assignments with the nature of service 'IM' and PFD threshold in resolves 5 of Res.761 (REV.WRC-19) is exceeded. Please note that if your Administration's territory is not visible or the PFD threshold is not exceeded in the territory, your request is not receivable

Click 'Add' button to add your Administration's territory to the coordination process

Geographical area

EGY



Add to the current group only



Add to all filtered groups except those having a remark

Add

Cancel

**9.36 b)** identify in accordance with No. **9.27** any administration with which coordination may need to be effected<sup>21, 22</sup>;

<sup>21</sup> **9.36.1** In the case of coordination under Nos. **9.12**, **9.12A** and **9.13**, the Bureau shall also identify the satellite networks or systems with which coordination may need to be effected. The list of administrations identified by the Bureau under Nos. **9.11** to **9.14** and **9.21** and the list of satellite networks or systems identified by the Bureau under Nos. **9.12**, **9.12A** and **9.13** are only for information purposes, to help administrations comply with this procedure. (**WRC-19**)

**9.53A** Upon expiry of the deadline for comments in respect of a coordination request under Nos. **9.11** to **9.14** and **9.21**, the Bureau shall, according to its records, publish a Special Section, indicating **the list of administrations** having submitted their disagreement and **the list of satellite networks** or systems upon which this disagreement is based, as appropriate, or other comments within the regulatory deadline. (**WRC-19**)



## **NEW SPACECOM**

Check the video for the new **SpaceCom Beta** <https://www.itu.int/en/ITU-R/space/Pages/wrs2020SpaceWorkshopVideo.aspx>

SpaceCom

File Options Help

**Potentially affected Administration's comments under No. 9.52**

CR/C information

Provision	Special Section	Adm./ntwk. org.	Satellite network	Orb. pos.	Earth station
9.12	CR/C/5119	LUX	JARVIS	NGSO	

1. Select the Form of coordination to comment

Form of coordination	Coordination from	Coordination with respect to	Identified	Last update	Comments completed
9.12	NGSO	NGSO	F		
9.12A					
9.14					

2. Enter If you do

Beam

DLUF

ULUF

ULVF

**Confirm networks**

Please confirm networks on which your objection is based

Affected notice id.	sat. name	ntf_rsn	long_nom	Confirm as affected
117520107	ARGOS-4A	C	NGSO	<input checked="" type="checkbox"/>
117520487	EB-SAT-LEO-1			<input checked="" type="checkbox"/>
117520492	EB-SAT-LEO-1B			<input checked="" type="checkbox"/>
118520135	A4MSSNG			<input checked="" type="checkbox"/>
118520317	A4NG-C			<input checked="" type="checkbox"/>
119520121	F-SAT-NG-9			<input checked="" type="checkbox"/>

Apply Cancel

WARNING: If you are modifying previously entered comments, clicking on Apply button will reset any previously manual change done.

3. Click 'Check Comments completed' when you have finished with all your entries on all provisions

Apply filter Clear filter

Not. ADM ITU BR

Select a new CR/C... Save ☒ Check Comments completed Create report



## A Quick Recap ....

Administrations should comment:

- To protect their radiocommunication services against potential interference
- To exclude the territory of an administration from the service area

Your comments should be

- submitted within 4 months
- captured using SpaceCom software
- submitted to BR using E-submission.

Remember to follow the required technical criteria to check validity of your submission.

For commenting under No. 9.41, do not forget to attach the calculations to your submission.



4 Months !!!

UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS BUREAU DES RADIOCOMMUNICATIONS		INTERNATIONAL TELECOMMUNICATION UNION RADIOCOMMUNICATION BUREAU		UNIÓN INTERNACIONAL DE TELECOMUNICACIONES OFICINA DE RADIOCOMUNICACIONES		© I.T.U.	
RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		MONASAT-52EC		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º		CR/C/5130	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA		2917 / 31.03.2020	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE		MCO	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	52 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN		119520255
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL						16.10.2019	
Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et est publiée conformément au numéro 9.38. Elle est subordonnée au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.				This request for coordination, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box		Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N° 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado en la columna de la izquierda con una X en la casilla correspondiente.	
Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el cuadro I							
<input checked="" type="checkbox"/> 9.7		Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.		In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.		De conformidad con los N° 9.50-9.52 del Reglamento de Radiocomunicaciones, se solicita a las administraciones señaladas en el cuadro I a continuación que comuniquen su decisión a la administración responsable y a la Oficina antes del plazo indicado más abajo.	
<input type="checkbox"/> 9.7A							
<input type="checkbox"/> 9.7B							
<input checked="" type="checkbox"/> AP30#7.1							
<input checked="" type="checkbox"/> AP30A#7.1							
<input type="checkbox"/> RS539							
<input type="checkbox"/> RS33#3							
Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Formulario de coordinación remitido al cuadro II							
<input checked="" type="checkbox"/> 9.11		Les Administrations, énumérées ou non-énumérées dans le Tableau II ci-après, qui n'acceptent pas la demande de coordination au titre des numéros 9.11 à 9.14, 9.21 et RS33#2.1, sont priées de communiquer leurs observations à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous. Toute Administration qui ne réagira pas au titre du numéro 9.52 avant cette date limite sera considérée comme n'étant pas défavorablement influencée et, dans les cas couverts par les numéros 9.11 à 9.14 et RS33#2.1, les dispositions des numéros 9.48 et 9.49 s'appliqueront.		Administrations listed or not listed in Table II below, which do not agree to the request for coordination under Nos. 9.11 to 9.14, 9.21 and RS33#2.1 are requested to communicate their comments to the responsible administration and the Bureau by the deadline indicated below. Any administration not responding under No. 9.52 within this deadline shall be regarded as unaffected and, in the cases of Nos. 9.11 to 9.14 and RS33#2.1, the provisions of Nos. 9.48 and 9.49 shall apply.		Se invita a las administraciones, enumeradas o no en el cuadro II, que no estén de acuerdo con la solicitud de coordinación de conformidad con los N° 9.11 a 9.14, 9.21 y RS33#2.1 que comuniquen sus observaciones a la administración responsable y a la Oficina dentro del plazo indicado más abajo. Se considerará que toda administración que no responda de conformidad con el N° 9.52 dentro del plazo señalado, no está afectada y, en el caso de los N° 9.11 a 9.14 y RS33#2.1, se aplicarán las disposiciones de los N° 9.48 y 9.49.	
<input checked="" type="checkbox"/> 9.11A							
<input type="checkbox"/> 9.12							
<input type="checkbox"/> 9.12A							
<input checked="" type="checkbox"/> 9.13							
<input checked="" type="checkbox"/> 9.14							
<input checked="" type="checkbox"/> 9.21/A							
<input checked="" type="checkbox"/> 9.21/B							
<input checked="" type="checkbox"/> 9.21/C							
<input type="checkbox"/> RS33#2.1							
DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN						31.07.2020	

# Thank you!

ITU – Radiocommunication Bureau

Questions to [brmail@itu.int](mailto:brmail@itu.int) or  
[brsas@itu.int](mailto:brsas@itu.int) (SpaceCom software)