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**Presentation**

**2.2 Spacecom for CRD Seminar 8-12 december 14-ppt-en.pdf**

**and**

**database for Notifying Administration (NOR) for Exercise 2**

**IFIC2766\_BR\_CRC3501.mdb**



# SpaceCom

K. Peker  
BR-Space Services Dept.

International Telecommunication Union



WORLD  
RADIOCOMMUNICATION  
SEMINAR 2014

GENEVA, 8-12 DECEMBER 2014

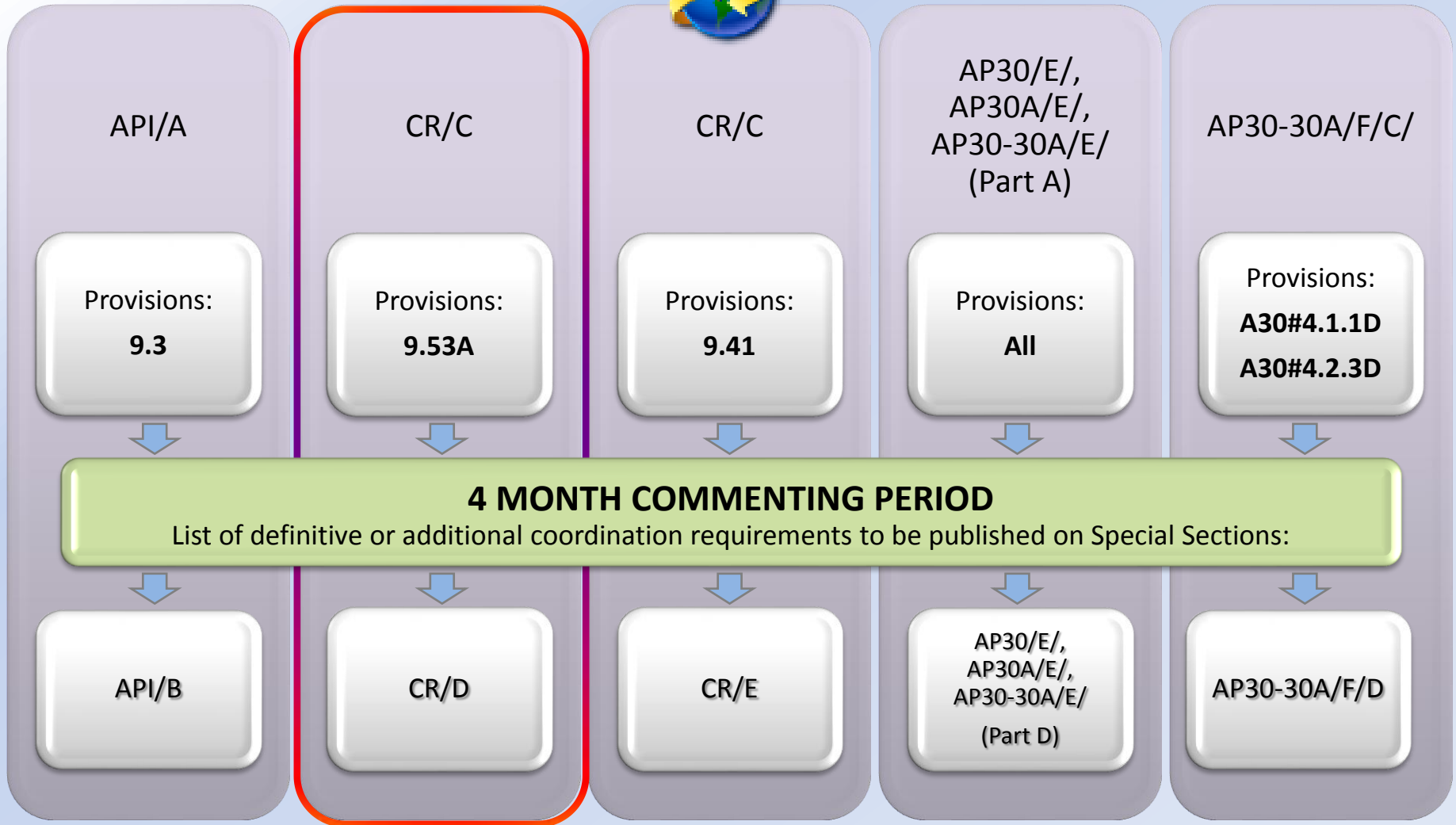
[www.itu.int/go/ITU-R/WRS-14](http://www.itu.int/go/ITU-R/WRS-14)



Organised by:



# Publications subject to comments with SpaceCom





# Coordination of Satellite Networks

- Section II **Article 9**  
“Procedure for effecting coordination with or obtaining agreement of the other administrations”
- Contains (almost) all cases (forms) of coordination for satellite networks (GSO and Non-GSO), earth and terrestrial



# **Coordination is an obligation !**

- **for the administration wishing to assign a frequency to a station**
- **for any other administration whose services might be affected (No. 9.53)**



# Application of 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

- Article No. 9.52                      disagreements to be submitted by administrations within **4 months** of the date of publication of the BR IFIC
- Article No. 9.52C                      absence of disagreement within the **4 months** period means agreement !!



# Coordination under No. 9.53A



Form of Coordination



Provision

# Coordination under No. 9.53A



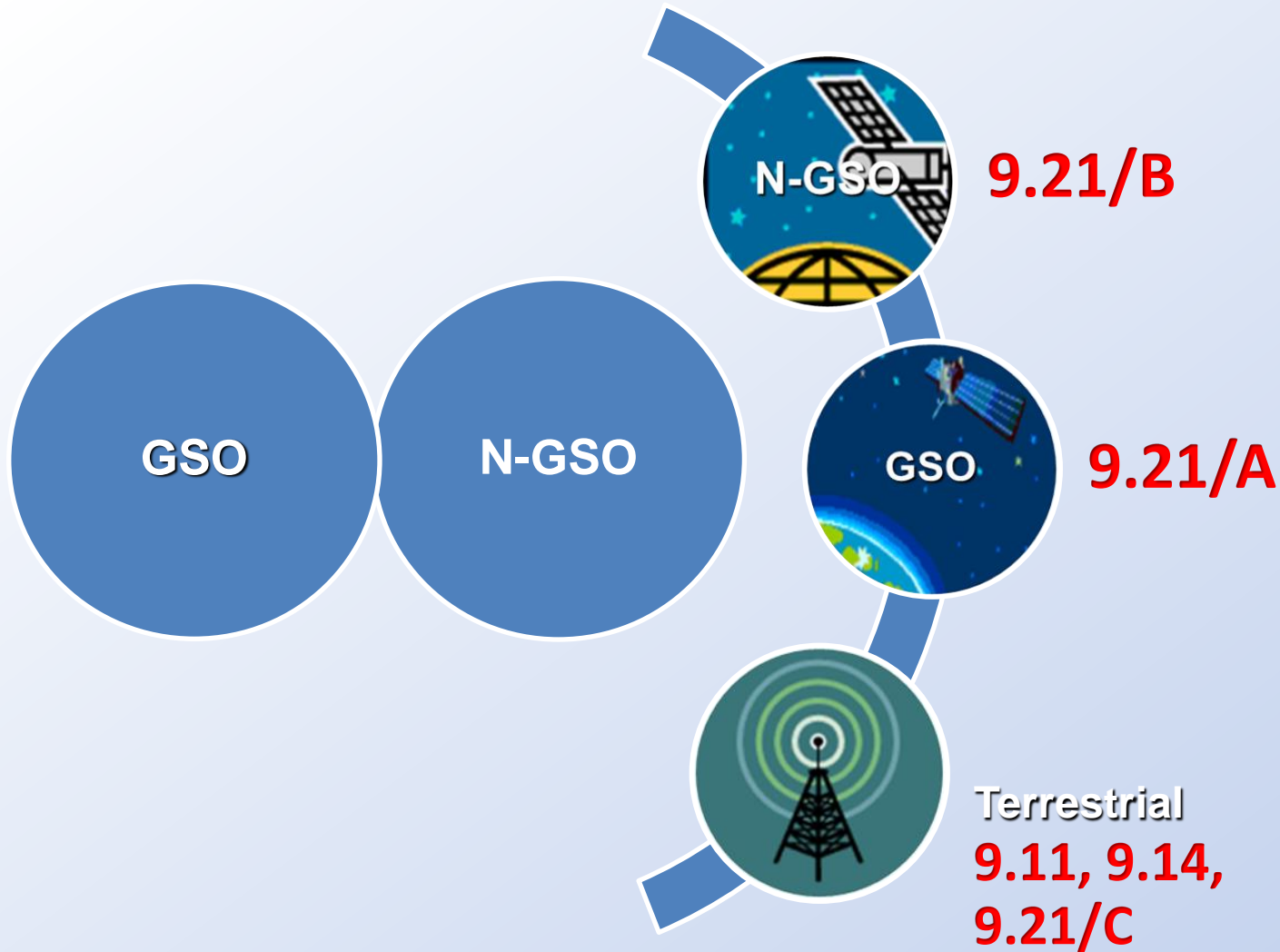
Form of Coordination

Provision





# Coordination under No. 9.53A





***reminder!***

***resolves 2 of Resolution 55(Rev. WRC07)***

**As from 17 November 2007, all disagreements submitted to the Bureau pursuant No. 9.52 in respect of coordination requests under 9.11 to 9.14 and 9.21/A,B,C are to be provided in electronic format created by SpaceCom.**





# SpaceCom

**An application designed to assist administrations in the management of the objections under No.9.52 on CR/C Special Section concerning request for coordination under 9.11 to 9.14, 9.21 and RS33#2.1 and their treatment under 9.53A**



### Using SpaceCom

An Administration can **confirm** or **cancel**, within the regulatory **four-month period**, the need for entering into the coordination procedure with the (notifying) administration responsible for the network published in the Special Section

### Using SpaceCom

An Administration **not identified** by the Bureau, considers that the satellite network in Special Section may affect its own frequency assignments, it can **request to be included** in the coordination procedure by providing **additional information** justifying this request

### Using SpaceCom

The Bureau collects all comments received from potentially affected administrations, merges all comments relating to a particular **CR/C** and publishes in **CR/D** Special section

The diagram consists of a central blue circle labeled 'SpaceCom'. Three red arrows point towards this circle from three separate light blue rounded rectangular boxes. The top box is titled 'Using SpaceCom' and describes the process of confirming or canceling a need for coordination within a four-month period. The left box is also titled 'Using SpaceCom' and describes how an administration not identified by the Bureau can request to be included in the coordination procedure. The right box is titled 'Using SpaceCom' and describes the Bureau's role in collecting comments from affected administrations, merging them, and publishing them in the CR/D Special section.

**SpaceCom**



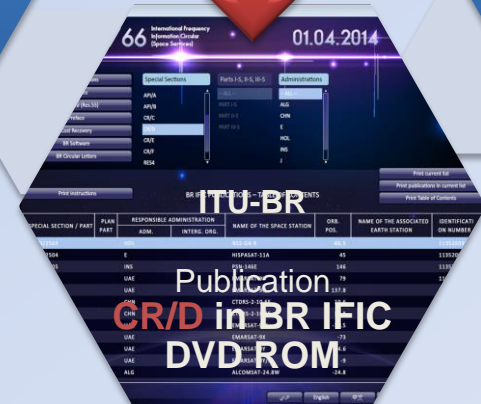
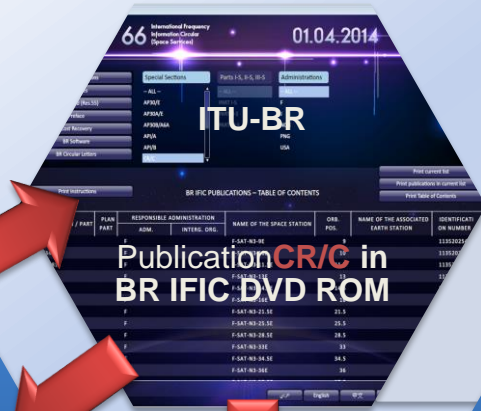
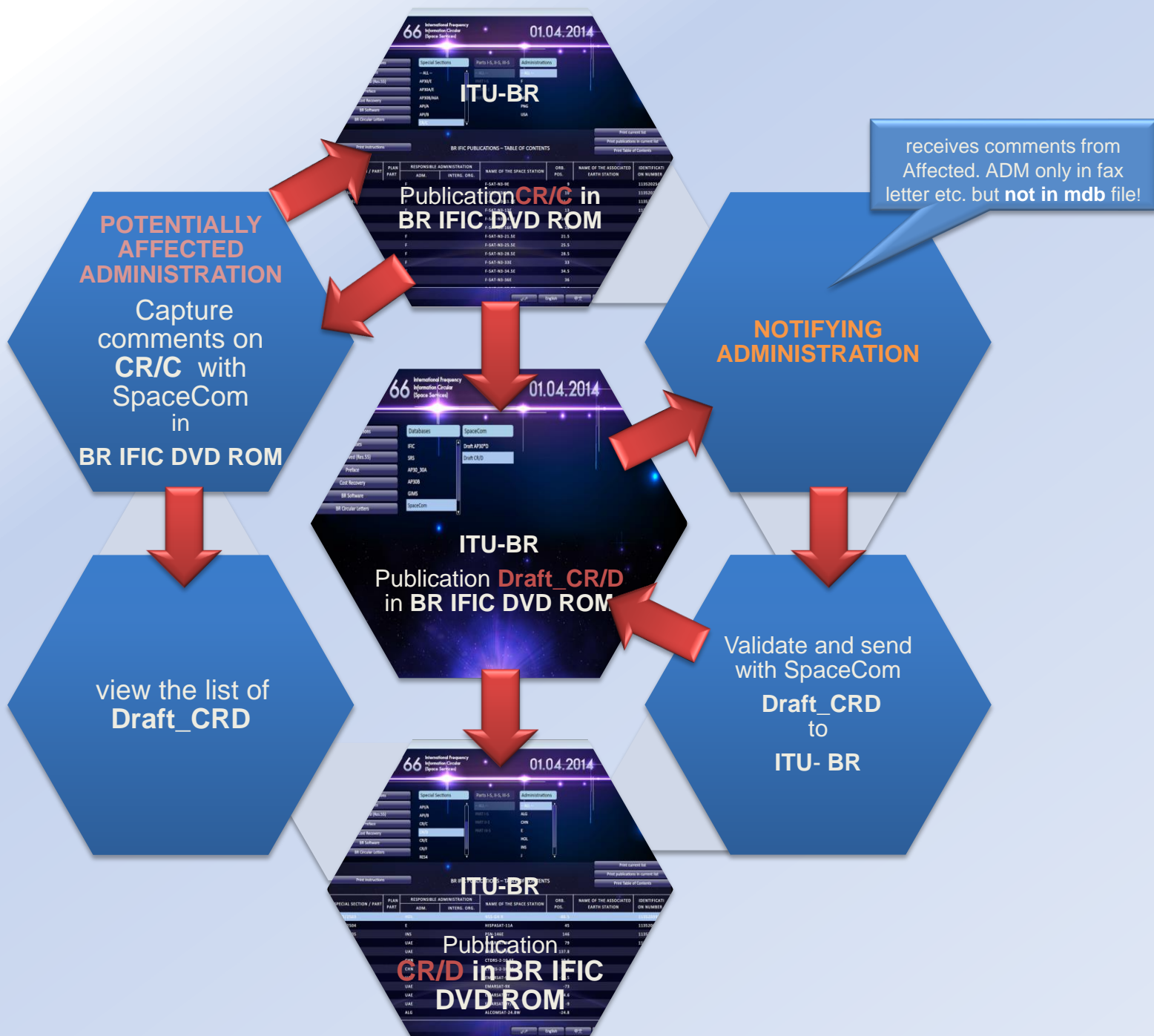
# ***SpaceCom users?***

**Potentially Affected Administration**

**Telecommunication Operators**

**Notifying Administration**

**ITU-BR**





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		ADM.	INTERG. ORG.				
CR/C/3479		F		F-SAT-N3-9E	9		113520254
CR/C/3480		F		F-SAT-N3-10E	10		113520240
CR/C/3481		F		F-SAT-N3-11.5E	11.5		113520255
CR/C/3482		F		F-SAT-N3-13E	13		113520241
CR/C/3483		F		F-SAT-N3-14.5E	14.5		113520256
CR/C/3484		F		F-SAT-N3-16E	16		113520242
CR/C/3485		F		F-SAT-N3-21.5E	21.5		113520243
CR/C/3486		F		F-SAT-N3-25.5E	25.5		113520244
CR/C/3487		F		F-SAT-N3-28.5E	28.5		113520245
CR/C/3488		F		F-SAT-N3-33E	33		113520257
CR/C/3489		F		F-SAT-N3-34.5E	34.5		113520258
CR/C/3490		F		F-SAT-N3-36E	36		113520246

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		<b>LUX-G9-30</b>		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>CR/C/3511</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	<b>2768 / 29.04.2014</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>LUX</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>176 E</b>	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	<b>113520308</b>
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					<b>20.12.2013</b>

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			

Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Forma de coordinación mencionada en el cuadro II

<input checked="" type="checkbox"/>	9.11	Administrations énumérées ou non-énumérées dans ci-après, qui n'acceptent pas la demande de au titre des numéros 9.11 à 9.14, 9.21 et et priées de communiquer leurs observations à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous. Toute Administration qui ne répond pas au titre du numéro 9.52 avant cette date limite sera considérée comme n'étant pas défavorablement affectée. 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'appliquent.	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 FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN			<b>29.08.2014</b>	





Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول			
Disposition / Provision / Disposición / 條款 / Положение / الحكم	influencées (à titre d'information uniquement, voir numéro 9.36.1) 可能受影响的主管部门(仅供参考, 见第9.36.1款)	Potentially affected administrations (for information only, see No. 9.36.1) Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)	Administraciones posiblemente afectadas (solo para información, véase el N° 9.36.1) إدارات يحتمل أن تتأثر تأثيراً غير موات (انظر الرقم 1.36.9، على سبيل الإطلاع فقط)
X 9.11	AUS, CAN*, CHL/PAQ, CHL, F/CPT, F/OCE, INS, J, MEX*, NZL, PNG, RUS*, SMO, USA/ALS, USA*		
X 9.11A			
	9.12		
	9.12A		
X 9.13	AUS, CAN, CHN, D, E, F/GLS, F, G, IND, NOR, PNG, RUS, USA		
X 9.14	AUS/CHR, AUS/ICO, AUS/NFK, AUS*, BRM, BRU, CAN*, CBG, CHL/PAQ, CHL, CHN/HKG*, CHN/MAC, CHN*, F/CPT, F/NCL, F/OCE, F/WAL, FJI, FSM, G/GCC, G/PTC, IND, INS*, J, KIR/PHX, KIR, KOR, KRE, LAO, MEX*, MHL, MLA, MNG, NRU, NZL/CKH, NZL/NIU, NZL/TKL, NZL, PHL, PLW, PNG, RUS*, SLM, SMO, SNG, THA, TLS, TON, TUV, USA/ALS, USA/GUM, USA/HWL, USA/JAR, USA/MRA, USA/PLM, USA/SMA, USA/WAK, USA*, VTN, VUT, XZZ/XSP.		
X 9.21/A <sup>1</sup>	ARS, AUS, BLR, CAN, CHN, CYP, D, E, EGY, F, G, I, INS, IRN, IRQ, ISR, J, KOR, MLA, NOR, PAK, PNG, QAT, RUS/IK, RUS, TUR, UAE, USA		
X 9.21/B <sup>1</sup>	CAN		
X 9.21/C <sup>1</sup>	AUS, CAN, CHN, INS, J, KOR, KRE, LAO, MLA, NZL, RUS, SNG, USA/GUM, USA/HWA, USA		
	RS33#2.1		

\*Les Administrations énumérées disposent d'une assignation aux services de Terre avec chevauchement inscrite dans le Fichier de référence international des Fréquences.

\*The listed Administrations have an overlapping terrestrial assignment recorded in the MIFR.

\*Las administraciones enumeradas tienen una asignación de tierra que se superpone registrada en el MIFR.

\*列表中的主管部门与频率登记总表中记录的陆地指配存在重叠。

\*Перечисленные выше администрации имеют приписку к территории, которая перекрывается записью в МИФР.

\*الأرض متراكب ومسجل في السجل الأساسي الدولي للترددات.

<sup>1</sup> 9.21/A, 9.21/B et 9.21/C – au titre du numéro 9.21, a

<sup>1</sup> 9.21/A, 9.21/B and 9.21/C – Under No. 9.21, a

<sup>1</sup> 9.21/A, 9.21/B y 9.21/C – De conformidad con el artículo 9.21, a

<sup>1</sup> 9.21/A, 9.21/B 和 9.21/C – 根据第9.21款, 分别

<sup>1</sup> 9.21/A, 9.21/B и 9.21/C – в соответствии с п. 9.21, а

<sup>1</sup> 9.21/A, 9.21/B و 9.21/C – غير مستقرة بالنسبة إلى الأرض ومحطات للأرض على التوالي.

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.



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CR/D/2503		HOL		NSS-G4-9	-86.5		113520096
CR/D/2504		E		HISPASAT-11A	45		113520090
CR/D/2505		INS		PSN-146E	146		113520094
CR/D/2506		UAE		EMARSAT-9I	79		113520106
CR/D/2507		UAE		EMARSAT-9Q	137.8		113520107
CR/D/2508		CHN		CTDRS-2-10.6E	10.6		110520238
CR/D/2509		CHN		CTDRS-2-16.8E	16.8		110520239
CR/D/2510		UAE		EMARSAT-9W	-70.5		113520108
CR/D/2511		UAE		EMARSAT-9X	-73		113520109
CR/D/2512		UAE		EMARSAT-9Y	14.6		113520110
CR/D/2513		UAE		EMARSAT-9Y/M	-9		113520111
CR/D/2514		ALG		ALCOMSAT-24.8W	-24.8		113520121

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		<b>LUX-G9-30</b>		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>CR/D/2638</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	<b>2782 / 11.11.2014</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>LUX</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>176 E</b>	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	<b>113520308</b>

X	9.11	<p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p> <p>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.</p> <p>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.</p>	<p>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.</p> <p>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.</p> <p>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.</p>
X	9.11A			
	9.12			
	9.12A			
X	9.13			
X	9.14			
X	9.21/A	<p>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.</p>	<p>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.</p>	<p>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.</p>
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/3511 (BR IFIC 2768 / 29.04.2014)**

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

Disposition / Provision / Disposición / 条款 / Положение / الحكم		Récapitulatif des coordinations à effectuer  协调要求概述	Summary of coordination requirements  Сводные данные о будущей координации	Resumen de los requisitos de coordinación  ملخص متطلبات التنسيق
X	9.11	AUS, CAN, F/CPT, F/OCE, INS, J, NZL, PNG, RUS, USA/ALS, USA		
X	9.11A			
	9.12			
	9.12A			
X	9.13	AUS, CAN, CHN, D, F/GLS, F, G, NOR, PNG, RUS, USA		
X	9.14	CAN, CHN/HKG, CHN/MAC, CHN, F/CPT, F/NCL, F/OCE, F/WAL, G/GCC, G/PTC, INS, J, KOR, MLA, PNG, RUS, TON, USA/ALS, USA/GUM, USA/HWL, USA/JAR, USA/MRA, USA/PLM, USA/SMA, USA/WAK, USA, VTN		
X	9.21A	ARS, AUS, CHN, CYP, D, E, EGY, F, G, INS, IRN, IRQ, ISR, J, KOR, MLA, NOR, PAK, PNG, QAT, RUS/IK, RUS, TUR, UAE, USA		
X	9.21B	CAN		
X	9.21C	AUS, CAN, CHN, INS, KOR, MLA, USA/GUM, USA/HWA, USA		
	RS33#2.1			

Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول			
Disposition / Provision / Disposición / 条款 / Положение / الحكم		influencées (à titre d'information uniquement, voir numéro 9.36.1) 可能受影响的主管部门(仅供参考, 见第 9.36.1款)	Potentially affected administrations (for information only, see No. 9.36.1) Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1) إدارات يتصل أن تتأثر تأثراً غير موات (انظر الرقم 1.36.9، على سبيل الإطلاع فقط)
X	9.11	AUS, CAN*, CHL/PAQ, CHL, F/CPT, F/OCE, INS, J, MEX*, NZL, PNG, RUS*, SMO, USA/ALS, USA*	
X	9.11A		
	9.12		
	9.12A		
X	9.13	AUS, CAN, CHN, D, E, F/GLS, F, G, IND, NOR, PNG, RUS, USA	
X	9.14	AUS/CHR, AUS/ICO, AUS/NFK, AUS*, BRM, BRU, CAN*, CBG, CHL/PAQ, CHL, CHN/HKG*, CHN/MAC, CHN*, F/CPT, F/NCL, F/OCE, F/WAL, F/JI, FSM, G/GCC, G/PTC, IND, INS*, J, KIR/PHX, KIR, KOR, KRE, LAO, MEX*, MHL, MLA, MNG, NRU, NZL/CKH, NZL/NIU, NZL/TKL, NZL, PHL, PLW, PNG, RUS*, SLM, SMO, SNG, THA, TLS, TON, TUV, USA/ALS, USA/GUM, USA/HWL, USA/JAR, USA/MRA, USA/PLM, USA/SMA, USA/WAK, USA*, VTN, VUT, XZZ/XSP.	
X	9.21A <sup>1</sup>	ARS, AUS, BLR, CAN, CHN, CYP, D, E, EGY, F, G, I, INS, IRN, IRQ, ISR, J, KOR, MLA, NOR, PAK, PNG, QAT, RUS/IK, RUS, TUR, UAE, USA	
X	9.21B <sup>1</sup>	CAN	
X	9.21C <sup>1</sup>	AUS, CAN, CHN, INS, J, KOR, KRE, LAO, MLA, NZL, RUS, SNG, USA/GUM, USA/HWA, USA	
	RS33#2.1		

<sup>1</sup> Les Administrations énumérées disposent d'une assignation aux services de Terre avec chevauchement inscrit dans le fichier de référence international des fréquences.

CR/C

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

Disposition / Provision / Disposición / 条款 / Положение / الحكم		Récapitulatif des coordinations à effectuer 协调要求概述	Summary of coordination requirements Сводные данные о будущей координации	Resumen de los requisitos de coordinación ملخص متطلبات التنسيق
X	9.11	AUS, CAN, F/CPT, F/OCE, INS, J, NZL, PNG, RUS, USA/ALS, USA		
X	9.11A			
	9.12			
	9.12A			
X	9.13	AUS, CAN, CHN, D, F/GLS, F, G, NOR, PNG, RUS, USA		
X	9.14	CAN, CHN/HKG, CHN/MAC, CHN, F/CPT, F/NCL, F/OCE, F/WAL, G/GCC, G/PTC, INS, J, KOR, MLA, PNG, RUS, TON, USA/ALS, USA/GUM, USA/HWL, USA/JAR, USA/MRA, USA/PLM, USA/SMA, USA/WAK, USA, VTN		
X	9.21A	ARS, AUS, CHN, CYP, D, E, EGY, F, G, INS, IRN, IRQ, ISR, J, KOR, MLA, NOR, PAK, PNG, QAT, RUS/IK, RUS, TUR, UAE, USA		
X	9.21B	CAN		
X	9.21C	AUS, CAN, CHN, INS, KOR, MLA, USA/GUM, USA/HWA, USA		
	RS33#2.1			

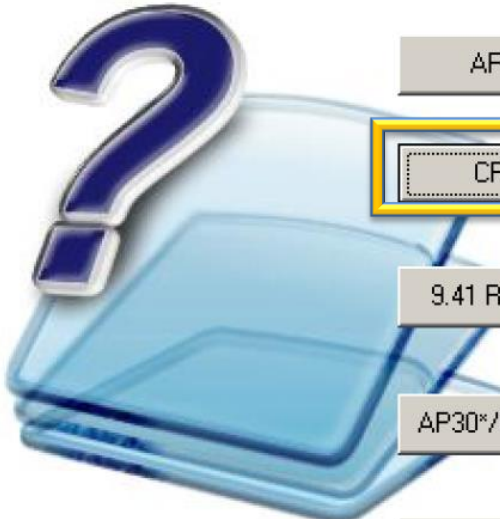
CR/D



**Your Administration  
has coordination request  
under Nos.9.11 to 9.14 and 9.21  
but**


**How to use SpaceCom software ?**

### SpaceCom Template Selection




API/A	Manage comments for the publication of API/B Special Sections
CR/C	Manage comments for the publication of CR/D Special Sections
9.41 Request	Manage comments for the publication of CR/E Special Sections
AP30*/E Part A	Manage comments for the publication of Plan Part D of AP30/E, AP30A/E, AP30-30A/E Special Sections
AP30-30A/F/C	Manage comments for the publication of AP30-30A/F/D Special Sections

Show this screen each time you launch SpaceCom



### Who are you ?

- Potentially affected Administration (Commenting on a CR/C)  
Operator  
- Notifying Administration (Confirming a draft CR/D database sent by the BR)

An administration willing to enter in the coordination process under Nos 9.11 to 9.14, 9.21 and RS33#2.1 shall within four months of the date of publication of the BR IFIC inform the requesting administration of its disagreement and shall provide information concerning its own assignments upon which that disagreement is based (No. 9.52)


An administration not responding under No. 9.52C within the same four month period shall be regarded as unaffected and, in the case of No. 9.11 to 9.14 the provisions of No's 9.48 and 9.49 shall apply.

Copy of the comments is to be sent electronically to the following Radiocommunication Bureau address: [bmail@itu.int](mailto:bmail@itu.int)

Next...



### Who are you ?

- Potentially affected Administration (Commenting on a CR/C)  
Operator  
- Notifying Administration (Confirming a draft CR/D database sent by the BR)

Before proceeding with the publication of the information in a Special Section of the CR/D series, the Bureau request your Administration to kindly inform it of any additional comments concerning disagreements received from administrations, which may not have been copied to the Bureau, by updating accordingly the draft CR/D database using the SpaceCom software and return it to the Bureau by electronic mail ([bmail@itu.int](mailto:bmail@itu.int)).

Next...







## Login



Click 'OK' if you connect as ITU-BR or enter the  
Adm./network org. code on behalf you are acting

F /

OK

Cancel

Aff. ADM

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

Comment



Import



Validate/Send



View draft

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

BR IFIC No. / D  /  Expiry date for decision BR IFIC database Administration code / network org.  / 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	Orb.Pos.	Identified by BR under No. 9.36.1	Comments completion	Comments last update
114520018	CR/C/3544			PNG		NEW DAWN 40	157.00	F	✗	
114520021	CR/C/3545			CHN		G4SAT-134E	134.00	F	✗	
114520022	CR/C/3546			CHN		G4SAT-138E	138.00	F	✗	
114520019	CR/C/3547			G		UK-KA-8	-89.00	F	✗	
114520020	CR/C/3548			G		UKJKSAT-2	21.50	F	✗	
114520024	CR/C/3549			G		UKNETSAT-18w	-18.00	F	✗	
114520023	CR/C/3550			G		UKNETSAT-34.5w	-34.50	F	✗	

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

Not. ADM

ITU BR

5

Comment CR/C...

Create report

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

CR/C information	Provision	Special Section	Adm./ntwk. org.	Satellite network	Orb. pos.
	9.13	CR/C/3544	PNG	NEW DAWN 40	157.00

1. Select the Form of coordination to comment

Form of coordination	Coordination from	Coordination with respect to	Identified	Last update	Comments completed
9.13	GSO	NGSO	F		<input type="checkbox"/>
9.14	SS	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	Remarks
KA2R	R	114634277	28500.000	29500.000	F	<input checked="" type="checkbox"/>	a3) coordination requested	
		114634278			F	<input checked="" type="checkbox"/>	a3) coordination requested	
		114634279			F	<input checked="" type="checkbox"/>	a3) coordination requested	
		114634280			F	<input type="checkbox"/>		
		114634281			F	<input type="checkbox"/>		
		114634282			F	<input type="checkbox"/>		
		114634283			F	<input type="checkbox"/>		
		114634284			F	<input type="checkbox"/>		
		114634285			F	<input type="checkbox"/>		
		114634286			F	<input type="checkbox"/>		
KA3R	E	114634287	18800.000	19700.000	F	<input type="checkbox"/>		
		114634288			F	<input type="checkbox"/>		
		114634289			F	<input type="checkbox"/>		

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

Apply filter Clear filter

5 Not ADM Select a new CR/C...

3 Save

 Check Comments completed

4

Create report

Aff. ADM

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



Comment



Import



Validate/Send



View draft

Not. ADM

ITU BR

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

BR IFIC No. / Date **1**  /  Expiry date for decision BR IFIC database  **2**Administration code / network org.  / Comments file location **3**

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	Orb.Pos.	Identified by BR under No. 9.36.1	Comments completion	Comments last update
	114520018	CR/C/3544			PNG		NEW DAWN 40	157.00	F	✓	10/12/2014 11:17:43
	114520021	CR/C/3545			CHN		G4SAT-134E	134.00	F	✓	10/12/2014 11:17:56
	114520022	CR/C/3546			CHN		G4SAT-138E	138.00	F	✓	10/12/2014 11:18:02
	114520019	CR/C/3547			G		UK-KA-8	-89.00	F	✓	10/12/2014 11:18:07
	114520020	CR/C/3548			G		UKJKSAT-2	21.50	F	✓	10/12/2014 11:18:13
▶	114520024	CR/C/3549			G		UKNETSAT-18w	-18.00	F	✓	10/12/2014 11:18:18
	114520023	CR/C/3550			G		UKNETSAT-34.5w	-34.50	F	✗	

**4**

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

Who are you ?

Potentially affected Administration (Commenting on a CR/C)


Operator  

Notifying Administration (Confirming a draft CR/D database sent by the BR)

An administration willing to enter in the coordination process under Nos 9.11 to 9.14, 9.21 and RS33#2.1 shall within four months of the date of publication of the BR IFIC inform the requesting administration of its disagreement and shall provide information concerning its own assignments upon which that disagreement is based (No. 9.52)

An administration not responding under No. 9.52C within the same four month period shall be regarded as unaffected and, in the case of No. 9.11 to 9.14 the provisions of No's 9.48 and 9.49 shall apply.

Copy of the comments is to be sent electronically to the following Radiocommunication Bureau address: [bmail@itu.int](mailto:bmail@itu.int)





# Import comments on CR/C from external database(s) to the local database in order to create a unique file to be sent to the BR

SpaceCom v7

File Options Help

Alt. ADM

Comment

Import

Validate/Send

View draft

Not. ADM  
ITU BR

### Import comment files for a BR IFIC

BR IFIC No. / Date [2780] / [14/10/2014] Expiry date for decision [14/02/2015]

Click on the type of import you want to perform

**Merge in-house multi-user comments**

Please use this import and merge button in case the comments on CR/Cs for a BR IFIC are provided through multiple users / PCs.

All comment files should be merged to the BR.

If you are an Operator, the merged comments should be sent to the responsible Administration.

**Merge Operator comments**

Please use this import and merge button in case the comments on CR/Cs for a BR IFIC are provided by telecommunication Operator(s).

All comment files should be merged into one database file before being sent to the BR.

Once merged/imported, you can use the 'Comment' facility to complete/validate before sending the final comment file.

### Merge Operator comments

1 Add Operator comments to your comments

2 Browse to locate the list of Operator files.

3 Merge files...

Remove your comments and add Operator comments

Browse C:\External\_comments

IFIC2580\_F-001.mdb  
IFIC2580\_F-002.mdb

File treated	Notice Id.	CR/C	Merge result	Groups involved	Print
IFIC2580_F-001.mdb	106520098	CR/C1835	OK		
	106520099	CR/C1836	OK		
	106520095	CR/C1837	OK		
	106520100	CR/C1841	OK		
	106520101	CR/C1842	OK		
	106520102	CR/C1843	WARNING	106624306 106624342	
	106520103	CR/C1844	OK		
IFIC2580_F-002.mdb	106520094	CR/C1832	OK		

Close



**SpaceCom v6**

File Options Help

**Validate and send your comments under No. 9.52 database to BR**

BR IFIC No. / Date 2667 / 20.04.2010 Expiry date for decision 20.08.2010 You are outside of the valid commenting period

Comments file location C:\SpaceCom\_Comments\_Demo\CRD\_comments\IFIC2667\A\ADM\IFIC2667\_F.mdb

1. Validate file before sending

Not validated...

2. Send your comments

If you don't have Microsoft Outlook, please send to 'brmail@itu.int' the comments file indicated above using your own messaging management program.

Not. ADM  
ITU BR

Your validation on the current comments will be considered as valid only if it is checked as 'completed' whether you are identified or not by the BR



- ***Operators* should send their validated comment files directly to their Administration NOT to BR**
- **All comments files should be merged into one database file before being sent to the BR by the Administration.**





**Potentially Affected Administration may have the possibility to add comments. More information may be requested to justify your request depending on the BR examination results and type of the current provision**

**Confirm your addition in coordination for provisions**

**9.12, 9.12A, 9.13, 9.21/A, 9.21/B**

**frequency  
overlap**

**Confirm your addition in coordination for provisions**

**9.11, 9.14, 9.21/C, RS33 # 2.1**

**pfd  
excess**

**Confirm your addition for provisions**

**9.11, 9.14, 9.21/C, RS33 # 2.1**

**the territory of  
your Adm. is  
visible from the  
satellite and the  
coordination is  
required.**



# Apply for provisions 9.11, 9.14, 9.21/C, RS33 # 2.1

SpaceCom v6

File Options Help

Aff. ADM

Comment

Import

Validate/Send

View draft

Potentially affected administrations

CR/C information

1. Select the Form of coordination

Form of coordination  
9.11

2. Enter your comments  
If you do not click 'Add', your Administration will not be included in the coordination process.

3. Click 'Check Comments' button

Not ADM  
ITU BR

Geographical area

Remarks about your potentially affected network

Terrestrial Service

Add to the current group only  Add to all filtered groups except those having a remark

Add Cancel

Apply filter Clear filter

Create report

Check Comments completed

According to the Bureau's examination, there is no power flux density excess over the territory of your Administration and your terrestrial services are already protected. There is no need for your Administration to be included in the coordination process.

If your Administration is still of the opinion that unacceptable interference could be caused, and that coordination is required, please, provide sample information below in remarks section.

Click 'Add' button to add your administration to the coordination process.

Beam	Emi. Rcp
GBL	E
TXR	



# Apply for provisions 9.12, 9.12A, 9.13, 9.21/A, 9.21/B

**SpaceCom v6**  
File Options Help

**Confirm your addition in coordination**

According to the Bureau's records, your Administration has no satellite network for which Special Sections were previously published or which were notified and whose frequency assignments overlap with those of the network under consideration.

If your Administration is still of the opinion that unacceptable interference could be caused, and that coordination is required, please, provide sample information below in remarks section.

Click 'Add' button to add your administration to the coordination process.

Remarks about your potentially affected network

Station Name

Orb. pos.

Add to the current group only  Add to all filtered groups except those having a remark

**Potentially a**

CR/C informat

1. Select the For

9.13  
9.14

2. Enter your c  
If you do not c

Beam

DKR

3. Click 'Check O

Select a r

Not. ADM  
ITU BR

Apply filter Clear filter

Create report



# Notifying Administration confirms a Draft\_CR/D


**Who are you ?**

Potentially affected Administration (Comments a CR/C)

**Notifying Administration (Confirms a draft CR/D sent by the BR)**

Before proceeding with the publication of the information in a Special Section of the CR/D series, the Bureau request your Administration to kindly inform it of any additional comments concerning disagreements received from administrations, which may not have been copied to the Bureau, by updating accordingly the draft CR/D database using the SpaceCom software and return it to the Bureau by electronic mail (brmail@itu.int).

Next...



Select BRIFIC and log in





# BR IFIC 2766

International Frequency  
Information Circular  
(Space Services)

01.04.2014



BR IFIC Publications

- Databases
- As received (Res.55)
- Preface
- Cost Recovery
- BR Software
- BR Circular Letters

Databases

- IFIC
- SRS
- AP30\_30A
- AP30B
- GIMS
- SpaceCom

SpaceCom

- Draft AP30\*D
- Draft CR/D

1

2

BR IFIC 2766 / 01.04.2014

4

3

DVD-ROM\Databases\SpaceCom\draft\_CRD

ADM	Sat_Name	CRC_No	Mod	IFIC_No / Date	SpaceCom_database File n
G	L5	3413		2757/12.11.2013	IFIC2757_BR_CRC3413
HOL	BSSNET2A-95W	3417		2757/12.11.2013	IFIC2757_BR_CRC3417
HOL	BSSNET2A-119W	3418		2757/12.11.2013	IFIC2757_BR_CRC3418
HOL	BSSNET4-95W	3419		2757/12.11.2013	IFIC2757_BR_CRC3419
I	NEWSAT-1H-68W	3414		2757/12.11.2013	IFIC2757_BR_CRC3414
I	NEWSAT-1I-77.5W	3412		2757/12.11.2013	IFIC2757_BR_CRC3412
J	QZSS-GS1	3317	1	2757/12.11.2013	IFIC2757_BR_CRC3317M1
J	QZSS-GS3	3318	1	2757/12.11.2013	IFIC2757_BR_CRC3318M1
J	QZSS-GS4	3319	1	2757/12.11.2013	IFIC2757_BR_CRC3319M1
J	QZSS-GS5	3320	1	2757/12.11.2013	IFIC2757_BR_CRC3320M1
J	QZSS-GS8	3321	1	2757/12.11.2013	IFIC2757_BR_CRC3321M1
J	QZSS	3322	1	2757/12.11.2013	IFIC2757_BR_CRC3322M1
PNG	RAGGIANA-18	3415		2757/12.11.2013	IFIC2757_BR_CRC3415
USA	USOBO-12A	3416		2757/12.11.2013	IFIC2757_BR_CRC3416



Check your network

## CR/D DRAFT - LIST OF SPACE NETWORKS

Requests Administrations listed below to kindly inform it of any additional comments concerning disagreement under Nos. 9.11 to 9.14, 9.21 and RS33 § 2.1 received from administrations, by updating accordingly the database using SpaceCom software and return it to the Bureau by electronic mail ([brmail@itu.int](mailto:brmail@itu.int)).

[Open the list of SpaceCom files](#)

### CR/D draft

The Bureau has continued to improve the SpaceCom software package, in particular completing the part on the role of the notifying administration and clarifying the demands by administrations to be included in a coordination request, when not initially identified by the Bureau's examination as potentially affected. The updated version 7.0.0 (or later) of the SpaceCom software package and the associated SpaceCom User Manual are now available to administrations and other users at the ITU website (<http://www.itu.int/ITU-R/software/space/spacecom/index.html>), as well as on the BR IFIC (Space services) DVD-ROM

In order to assist the *notifying administration responsible for the satellite network* published in a CR/C special section and the Bureau in completing its task under No. 9.53A, the following approach has been developed and included in the SpaceCom software package.

Upon expiry of the deadline for comments and on the basis of its records, the Bureau will make available a *draft CR/D database per network* (named *IFICnnnn\_BR\_CRCxxxx.mdb*) located in BR IFIC DVD-ROM, at folder *Databases\SpaceCom\draft\_CRD*. This database will contain a listing of administrations, which have submitted a disagreement under No. 9.52 to one or more requests for coordination within the regulatory four-month time limit.

Furthermore, before proceeding with the publication of the above information in a Special Section of the CR/D series, the Bureau will request the notifying Administration for each network to inform the Bureau of any additional comments concerning disagreements received from administrations, copies of which may not have been sent to the Bureau. This should be carried out by updating the draft CR/D database using the SpaceCom software package and returning it to the Bureau by electronic mail ([brmail@itu.int](mailto:brmail@itu.int)).

The draft CR/D database is available for information to all administrations by using the module 'Viewer' of the SpaceCom software package.

Aff. ADM

Not. ADM

## Draft database file Wizard



# Draft CR/D Wizard

1

Select a drive where is located the BR IFIC DVD-Rom and click "OK"

OR

Select a folder where are located the draft mdb files (coming from the BR IFIC DVD-Rom) and click "OK"

2

Select a network

	BR IFIC	Adm	Sat. Network	Special Section	Comment Completion
	2757	I	NEWSAT-1I-77.5w	CR/C/3412	
▶	2757	J	QZSS	CR/C/3322M1	✘
	2757	J	QZSS-GS1	CR/C/3317M1	✘
	2757	J	QZSS-GS3	CR/C/3318M1	✘
	2757	J	QZSS-GS4	CR/C/3319M1	✘
	2757	J	QZSS-GS5	CR/C/3320M1	✘
	2757	J	QZSS-GS8	CR/C/3321M1	✘
	2757	PNG	RAGGIANA-18	CR/C/3415	
	2757	USA	USORON-12A	CR/C/3416	

3

Select the action you wish to perform on the network: QZSS

For All Adm.

View

To view a draft

For Notifying Adm. ONLY

Validate

To validate a draft

Aff. ADM

Not. ADM



Draft Wizard



Send to BR

## Draft database file Wizard

CR/C information

Provision

Special Section

Adm./ntwk. org.

Satellite network

Orb. pos.

9.13

CR/C/3317 M 1

J

QZSS-GS1

90.50

## 1. Select the Form of coordination to validate

	Form of coordination	Coordination from	Coordination with respect to	Last update	Validation completed
▶	9.13	GSO	NGSO		<input type="checkbox"/>
	9.14	SS	TS		<input type="checkbox"/>



## 2. Enter your decision on receivability



	Beam	Emi./Rcp.	Group	Freq. min. (MHz)	Freq. max. (MHz)	Identified by BR or added by affected Adm.	Receivability of the comment	Administration comments	Remarks
▶	ZAR	R	113661950	1980.000	2010.000	ARS/ARB	<input type="checkbox"/>	d3) addition (rmk) rejected by BR	
						AUS	<input checked="" type="checkbox"/>	a3) coordination requested	
						E	<input type="checkbox"/>	a4) coordination not requested	
						USA	<input checked="" type="checkbox"/>	a3) coordination requested	
			113661951			*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
						ARS/ARB	<input type="checkbox"/>	d3) addition (rmk) rejected by BR	
						AUS	<input checked="" type="checkbox"/>	a3) coordination requested	
						E	<input type="checkbox"/>	a4) coordination not requested	
						USA	<input checked="" type="checkbox"/>	a3) coordination requested	
			113661952			*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
						ARS/ARB	<input type="checkbox"/>	d3) addition (rmk) rejected by BR	
						AUS	<input checked="" type="checkbox"/>	a3) coordination requested	
						E	<input type="checkbox"/>	a4) coordination not requested	

3. Click 'Check Validation completed' when you estimate having finished with your inputs

Apply filter

Clear filter

Select a new draft CR/D...

Save

Check Validation completed

Create report



# send completed and validated file to BR

**Draft database file Wizard**

## Draft CR/D Wizard

**1** Select a drive where is located the BR IFIC DVD-Rom and click "OK"

c: [System]

**OR**

Select a folder where are located the draft mdb files (coming from the BR IFIC DVD-Rom) and click "OK"

D:\databases\SpaceCom\draft\_CRD

**2** Select a network

	BR IFIC	Adm	Sat. Network	Special Section	Comment Completion
	2757	J	QZSS	CR/C/3322M1	✓
	2757	J	QZSS-GS1	CR/C/3317M1	✓
	2757	J	QZSS-GS3	CR/C/3318M1	✓
	2757	J	QZSS-GS4	CR/C/3319M1	✓
	2757	J	QZSS-GS5	CR/C/3320M1	✓
▶	2757	J	QZSS-GS8	CR/C/3321M1	✓
	2757	PNG	RAGGIANA-18	CR/C/3415	
	2757	USA	USOBO-12A	CR/C/3416	

**3** Select the action you wish to perform on the network: QZSS-GS8

**For All Adm.**  To view a draft

**For Notifying Adm. ONLY**  To validate a draft

**Your validation on the current comments will be considered as valid only if it is checked as 'completed' whether you are identified or not by the BR**



### Send draft CR/D validated database to BR

Aff. ADM  
Not. ADM



Draft Wizard



Send to BR

4

BR IFIC No. / Date

1

2757 / 12/11/2013

File location

2

SpaceCom\_Comments\_Demo\CRD\_comments\IFIC2757\NotADM\Draft\IFIC2757\_NOT\_CRC3317M1.md



1. Validate file before sending

3

File validation

not validated...

2. Send your comments



Create e-mail with MS Outlook...



If you don't have Microsoft Outlook,  
please send to 'brmail@itu.int' the  
comments file indicated above using your  
own messaging management program.



**Notifying Administration have the possibility to input comments not received by the BR, or received out of the regulatory period by the BR.**

**In the case Notifying Administration acts on behalf of Potentially affected Administration the copy of the documents received from the *Potentially Affected Administration* must be send to the Bureau explaining why it is requested to be added in the coordination process.**



# Any questions?

## SpaceCom CR/D

International Telecommunication Union



**ITU**

WORLD  
RADIOCOMMUNICATION  
SEMINAR 2014

**GENEVA, 8-12 DECEMBER 2014**

[www.itu.int/go/ITU-R/WRS-14](http://www.itu.int/go/ITU-R/WRS-14)

Organised by:





# Exercise 1

## Potentially affected Administration adding comments under 9.53A

Open SpaceCom demo software, press Start and then click CR/C

2. Select administration code **F**.

3. Select **“Potentially affected administration (commenting on CR/C)”**

4. In ‘Comment’: Input BR IFIC number: 2766

Connect to the BR IFIC database from folder:

[USB drive]:\SpaceWorkshop\SpaceCom and comments\05 IFIC\_Data\ific2766.mdb

5. Input your comments correspondingly.

Check “comments completed” for the rest CR/Cs.

6. In ‘Validate/Send’: enter BR IFIC 2766

enter the comments file location

c:\SpaceCom\_Comments\_Demo\CRD\_comments\IFIC2766\AffADM\IFIC2766\_F.mdb

**Your comments are ready and could be submitted to the Bureau**



# Exercise 2

## Notifying Administration confirms a **draft\_CR/D** database sent by BR

Install: **IFIC2766\_BR\_CRC3501.mdb**

Connect: <http://www.itu.int/en/ITU-R/space/Pages/wrs2014SpaceWorkshop.aspx>

Open zipped file [NOR] : **IFIC2766\_BR\_CRC3501.mdb**

Install in your [USB drive] :\Space Workshops\SpaceCom and comments\02 CRC 9.53A comments

Notifying ADM of **NOR** confirming draft\_CR/D SpaceCom comments file

1. Open SpaceCom demo software, press Start and then click CR/C
2. Select administration code **NOR**.
3. Select “**Notifying Administration confirming a draft database sent by BR**” and click “**Next**”
4. Select:\Space Workshops\SpaceCom and comments\02 CRC 9.53A comments and click **OK**
5. Validate to open and examine comments to your network
6. Check “Validation completed”.
7. Enter the comments file location
8. ‘Validate/Send

**Your comments are ready and could be submitted to the Bureau.**