



SpaceCom

K. Peker
BR-Space Services Dept.

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. 9.53 ?

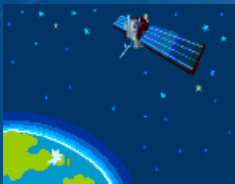
Coordination from



GSO or N-GSO



N-GSO



GSO

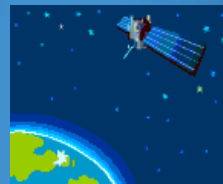
Coordination with respect to



Terrestrial



N-GSO



GSO

Provision

9.11, 9.14, 9.21/C,
RS33#2.1

9.12

9.13

9.21/B

9.12A

9.21/A

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.
- Radio Regulation Board fixed the deadline of 01 July 2009 as the effective date of application for mandatory electronic filing.

Since this date, all disagreements described above will be taken into consideration only if submitted by SpaceCom

What is SpaceCom?

**an application designed to assist
administrations in the management of
the objections under No. 9.52
on CR/C Special Section
concerning requests 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 will collect all these comments received from potentially affected administrations, merge all comments relating to a particular **CR/C**

SpaceCom



Spacecom who are the users?

Potentially Affected Administration

Telecommunication Operators

Notifying Administration

ITU-BR



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS INTERNATIONAL TELECOMMUNICATION UNION UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
 BUREAU DES RADIOCOMMUNICATIONS RADIOCOMMUNICATION BUREAU RADIOCOMUNICACIONES © I.T.U.

receives comments from Affected. ADM only in fax letter etc. but **not in mdb** file!

RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		SAC-D		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/D/1652
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2680 / 19.10.2010
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	ARG	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	109520249

	0.11	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.	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.	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.
X	0.11A	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.	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.	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.
X	0.12			
X	0.12A			
	0.13			
	0.14			
	0.21/A	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.	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.	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.
	0.21/B			
	0.21/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/2481 (BR IFIC 2663 / 23.02.2010)
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		SAC-D		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/C/2481
STATION TERRESTRE EARTH STATION ESTACIÓN TERRESTRE		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2663 / 23.02.2010
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	ARG	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	109520249
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					21.10.2009

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 type="checkbox"/>	9.7			
<input type="checkbox"/>	9.7A			
<input type="checkbox"/>	9.7B			
<input type="checkbox"/>	9.42			
<input type="checkbox"/>	AP30#7.1			
<input type="checkbox"/>	AP30A#7.1			
<input type="checkbox"/>	RS77			
<input type="checkbox"/>	RS84			
<input type="checkbox"/>	RS539			
<input type="checkbox"/>	RS33#3			
<input type="checkbox"/> Type de coordination mentionné dans le Tableau II <input checked="" type="checkbox"/> 9.11 <input checked="" type="checkbox"/> 9.11A <input checked="" type="checkbox"/> 9.12 <input checked="" type="checkbox"/> 9.12A <input type="checkbox"/> 9.13 <input type="checkbox"/> 9.14 <input type="checkbox"/> 9.21/A <input type="checkbox"/> 9.21/B <input type="checkbox"/> 9.21/C <input type="checkbox"/> RS33#2.1		Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-dessous sont priées de communiquer à l'Administration responsable leur décision et 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"/> Type de coordination mentionné dans le Tableau II <input checked="" type="checkbox"/> 9.11 <input checked="" type="checkbox"/> 9.11A <input checked="" type="checkbox"/> 9.12 <input checked="" type="checkbox"/> 9.12A <input type="checkbox"/> 9.13 <input type="checkbox"/> 9.14 <input type="checkbox"/> 9.21/A <input type="checkbox"/> 9.21/B <input type="checkbox"/> 9.21/C <input type="checkbox"/> RS33#2.1		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.	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.

DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN	23.06.2010
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Tableau II / Table II / Cuadro II / 表二 / Таблица II / الجدول II			
Disposition / Provision / Disposición / 条款 / 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 (информация для информации, см. п. 9.36.1)	إدارات يتصل أن تتأثر تأثيراً غير مباشر (انظر الرقم 1.36.9، على سبيل
	9.11		
X	9.11A		
X	9.12	CHN, D/GLS, F/GLS, F, G, I/GLS, J, RUS, USA, XSU	
X	9.12A	ARS/ARB, CHN	
	9.13		
	9.21/A ¹		
	9.21/B ¹		
	9.21/C ¹		
	RS33#2.1		

¹ 9.21/A, 9.21/B et 9.21/C – au titre du numéro 9.21, administrations ayant des réseaux OSG, des réseaux non-OSG et des stations de Terre, respectivement.

¹ 9.21/A, 9.21/B and 9.21/C – Under No. 9.21, administrations with GSO networks, Non-GSO networks and terrestrial stations, respectively.

¹ 9.21/A, 9.21/B y 9.21/C – De conformidad con el N° 9.21, administraciones con redes OSG, redes no OSG y estaciones terrestres, respectivamente.

¹ 9.21/A, 9.21/B 和 9.21/C – 根据第9.21款, 分别为有对地静止卫星轨道网络、非对地静止卫星轨道网络和地面站的主管部门

¹ 9.21/A, 9.21/B и 9.21/C – в соответствии с п. 9.21 администрациями, имеющие сети ГСО, сети НГСО и наземные станции, соответственно.

¹ 9.21/A, 9.21/B و 9.21/C – بموجب الرقم 21.9، إدارات لها شبكات مستقرة بالنسبة إلى الأرض وشبكات غير مستقرة بالنسبة إلى الأرض ومحطات للأرض على التوالي.



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		SAC-D		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	CR/D/1652
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2680 / 19.10.2010
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	ARG	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	109520249

	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.	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.	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.
X	9.11A	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.	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.	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.
X	9.12			
X	9.12A			
	9.13			
	9.14			
	9.21/A	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.	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.	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.
	9.21/B			
	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/2481 (BR IFIC 2663 / 23.02.2010)

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

Disposition / Provision / Disposición / 條款 / Положение / المكم		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	9.11A			
X	9.12	CHN, F/GLS, F, G, I/GLS, J, USA		
X	9.12A	ARS/ARB, CHN		
	9.13			
	9.21A			
	9.21B			
	9.21C			
	RS33#2.1			

Tableau II / Table II / Cuadro II / 表二 / Таблица II / II الجدول			
Disposition / Provision / Disposición / 条款 / Положение / 条款	Administrations susceptibles d'être défavorablement influencées (à titre d'information uniquement, voir numéro 9.36.1) 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) ¹ Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)	Administraciones posiblemente afectadas (sólo para información, véase el N° 9.36.1) ¹ إدارات يمكن أن تتأثر سلباً (لغرض المعلومات فقط) (الملاحظة)
9.11			
X	9.12	CHN, FI/LS, F, G, I/LS, J, RUS, USA, XSU	
X	9.12A	ARSI/ARB, CHN	
	9.13		
	9.21A ¹		
	9.21B ¹		
	9.21C ¹		
	RS33#2.1		

¹ 9.21A, 9.21B et 9.21C – au titre du numéro 9.21, administrations ayant des réseaux OSG, des réseaux non-OSG et des stations de Terre, respectivement.

¹ 9.21A, 9.21B and 9.21C – Under No. 9.21, administrations with OSG networks, Non-OSG networks and terrestrial stations, respectively.

¹ 9.21A, 9.21B y 9.21C – De conformidad con el N° 9.21, administraciones con redes OSG, redes no OSG y estaciones terrestres, respectivamente.

¹ 9.21A, 9.21B и 9.21C – согласно №9.21款,分别为有对地静止卫星轨道网络、非对地静止卫星轨道网络和地面站的主管部门

¹ 9.21A, 9.21B и 9.21C – в соответствии с п. 9.21 администрации, имеющие сети ГСО, сети НГСО и наземные станции, соответственно.

¹ 9.21A, 9.21B и 9.21C – بموجب الرقم 9.21, إدارات لها شبكات مسطرة بالسمية إلى الأرض وشبكات غير مسطرة بالسمية إلى الأرض ومحطات للأرض على التوالي.



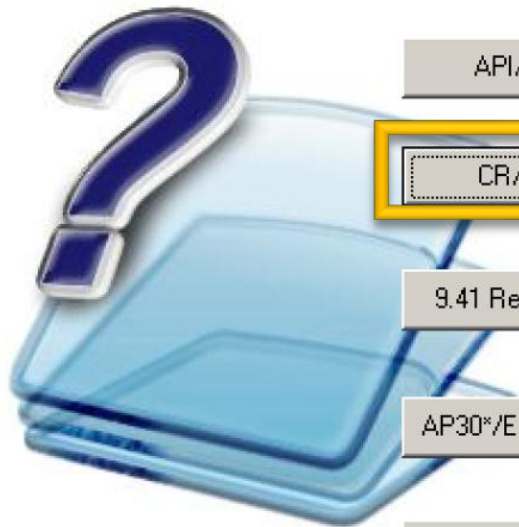
Tableau I / Table I / Cuadro I / 表一 / Таблица I / I الجدول

Disposition / Provision / Disposición / 条款 / Положение / 条款	Récapitulatif des coordinations à effectuer 协调要求概述	Summary of coordination requirements 协调数据关于未来协调	Resumen de los requisitos de coordinación 协调要求概述
9.11			
X	9.12	CHN, FI/LS, F, G, I/LS, J, USA	
X	9.12A	ARSI/ARB, CHN	
	9.13		
	9.21A		
	9.21B		
	9.21C		
	RS33#2.1		



*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

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).

Next...



Aff. ADM



Comment



Import



Validate/Send



View draft

Potentially affected Administration's comments under No. 9.52

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

BR IFIC No. / / Expiry date for decision BR IFIC database Administration code / network org. / Comments file location

You are outside of the valid commenting period

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
▶	109520300	CR/C/2530			UAE		YAHSAT-N-25.5E	25.50	F	✘	
	109520315	CR/C/2531			EGY		NAVISAT-2A	21.00	F	✘	
	109520316	CR/C/2532			EGY		NAVISAT-9A	14.00	F	✘	
	109520317	CR/C/2533			EGY		NAVISAT-11A	28.25	F	✘	
	109520318	CR/C/2534			EGY		NAVISAT-12A	35.50	F	✘	
	109520319	CR/C/2535			EGY		NAVISAT-14A	44.00	F	✘	
	109520324	CR/C/2540			USA		USABSNT-21	-79.00	F	✘	
	109520325	CR/C/2541			J		N-SAT-A-114.9W	-114.90	F	✘	
	109520327	CR/C/2542			F	GLS	GALILEO-2	NGSO	F	✘	
	109520342	CR/C/2543			UAE		YAHSAT-N-33W	-33.00	F	✘	
	109520343	CR/C/2544			UAE		YAHSAT-N-45W	-45.00	F	✘	

5



Comment CR/C...



Create report

Not. ADM

ITU BR

Aff. ADM

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/2530	UAE	YAHSAT-N-25.5E	25.50

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	01.07.2010 ...	<input checked="" type="checkbox"/>
9.14	SS	TS	F	01.07.2010 ...	<input checked="" 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		
KAD2	E	109679441	18800.000	19300.000	F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679442			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679443			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679444			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679445			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679446			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679447	19300.000	19700.000	F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679448			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679449			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679450			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679451			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679452			F	<input checked="" type="checkbox"/>	a3) coordination requested			
		109679730			18800.000	19300.000	F	<input checked="" type="checkbox"/>	a3) coordination requested	
							F	<input checked="" type="checkbox"/>	a3) coordination requested	

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

Apply filter

Clear filter

Not. AD

5

Select a new CR/C...

4

Save



Check Comments completed

3



Create report

Aff. ADM



Comment



Import



Validate/Send

5

Not ADM

ITU BR

Potentially affected Administration's comments under No. 9.52

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

BR IFIC No. / / Expiry date for decision BR IFIC database Administration code / network org. / Comments file location

You are outside of the valid commenting period

3

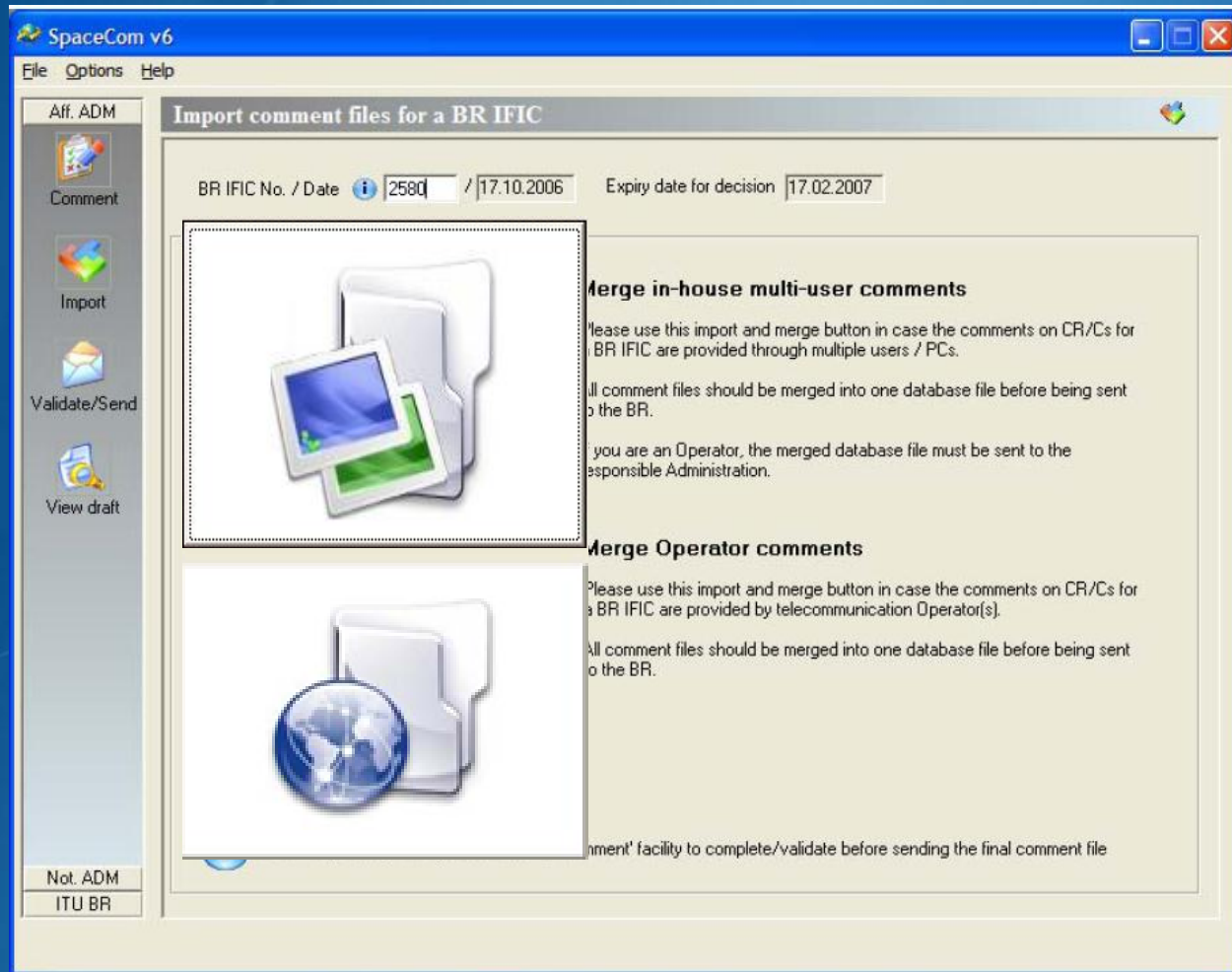
Get list of CR/C(s)...

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
	109520303	CR/C/2530			UAE		YAHSAT-N-25.5E	25.50	F		01.07.2010 14:18:33
	109520315	CR/C/2531			EGY		NAVISAT-2A	21.00	F		01.07.2010 14:19:05
	109520316	CR/C/2532			EGY		NAVISAT-9A	14.00	F		01.07.2010 14:19:55
	109520317	CR/C/2533			EGY		NAVISAT-11A	28.25	F		01.07.2010 14:20:20
	109520318	CR/C/2534			EGY		NAVISAT-12A	35.50	F		01.07.2010 14:20:45
	109520319	CR/C/2535			EGY		NAVISAT-14A	44.00	F		01.07.2010 14:21:08
	109520324	CR/C/2540			USA		USABSN-21	-79.00	F		01.07.2010 14:21:22
	109520325	CR/C/2541			J		N-SAT-A-114.9W	-114.90	F		01.07.2010 14:21:53
	109520327	CR/C/2542			F	GLS	GALILEO-2	NGSO	F		01.07.2010 14:22:39
	109520342	CR/C/2543			UAE		YAHSAT-N-33W	-33.00	F		01.07.2010 14:23:20
	109520343	CR/C/2544			UAE		YAHSAT-N-45W	-45.00	F		01.07.2010 14:23:39

4

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



Merge in house multi-user comments

SpaceCom

File Options Help

Aff. ADM

Comment

Import

Validate/Send

View draft

Not. ADM
ITU BR

Import comment files for an IFIC

BR IFIC No. / **1** / Expiry date for decision

Merge your local CR/C(s) comments with the external CR/C(s) comments

1. External CR/C(s) comments file location (eg. IFICxxxx_F.mdb) **2**

2. Check the column 'Import' on external CR/C(s) comments you want to import

	External comments completion	External comments last update	Import	ssn_no	ssn_rev	no	Adm	org	Satellite network	Local comments completion	Local comments last update
3	---	08/01/200...	<input checked="" type="checkbox"/>	CR/C/1832			USA		USASAT-76D	---	09/01/200...
	---	08/01/200...	<input checked="" type="checkbox"/>	CR/C/1833			PAK		PAKSAT-CR	---	09/01/200...
	✘		<input type="checkbox"/>	CR/C/1834			PAK		PAKSAT-DR	✘	
	✘		<input type="checkbox"/>	CR/C/1835			PAK		PAKSAT-ER	✘	
	---	08/01/200...	<input type="checkbox"/>	CR/C/1836			PAK		PAKSAT-FR	---	09/01/200...
	✘		<input type="checkbox"/>	CR/C/1837			PAK		PAKSAT-2R	✘	
	✘		<input type="checkbox"/>	CR/C/1841			LUX		LUX-G4-5	✘	
	✘		<input type="checkbox"/>	CR/C/1842			LUX		LUX-G4-6	---	08/01/200...
	---	08/01/200...	<input type="checkbox"/>	CR/C/1843			LUX		LUX-G4-7	✘	
	✘		<input type="checkbox"/>	CR/C/1844			LUX		LUX-G4-8	✔	08/01/200...

4

Merge operator comments

1 Add Operator comments to your comments Remove your comments and add Operator comments

2 Browse to locate the list of Operator files.

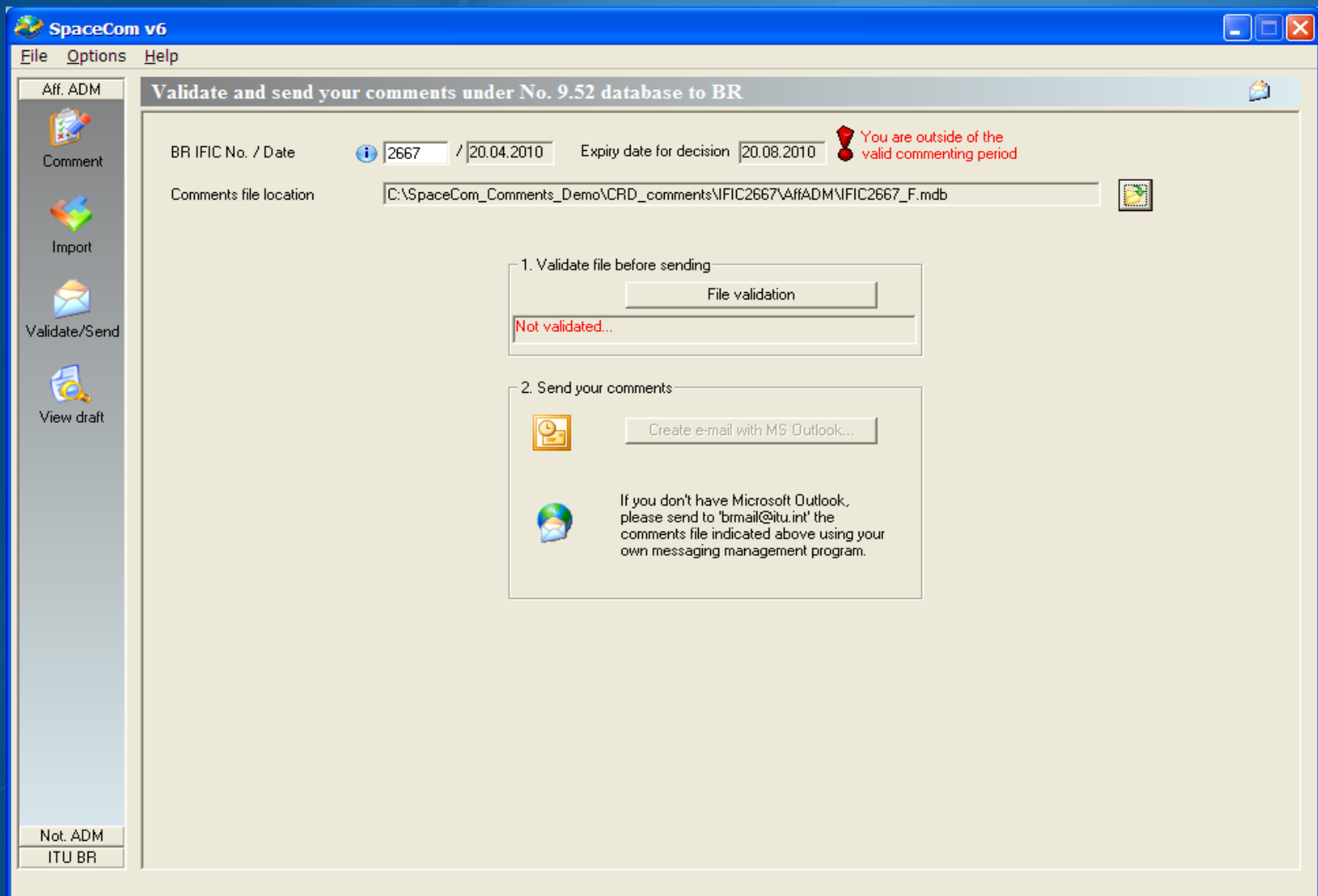
Browse C:\External_comments

IFIC2580_F-001.mdb
IFIC2580_F-002.mdb

3 Merge files...

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



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

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

**pdf
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

Confirm your addition in coordination

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.

Geographical area: F

Remarks about your potentially affected network:

Terrestrial Service: [Dropdown]

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

SpaceCom v6
File Options Help

Potentially affected administrations: [List]

CR/C information: [Text]

1. Select the Form of coordination:
Form of coordin: 9.11

Beam	Emi. Rcp
GBL	E
TXR	

2. Enter your comments. If you do not click 'Add', your comments will be lost.

3. Click 'Check Comments' button to check your comments.

Not ADM ITU BR

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

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

SpaceCom v6

File Options Help

Aff. ADM

Comment

Import

Validate/Send

View draft

Not. ADM
ITU BR

Potentially affected

CR/C informati

1. Select the Form

9.13
9.14

2. Enter your comments
If you do not

Beam

DKR

3. Click 'Check O

Select a r

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

Add Cancel

Apply filter Clear filter

Create report

Notifying Administration (Confirms a draft CR/D)

SpaceCom v6

File Options Help

Aff. ADM
Not. ADM

Validate draft CR/D received from the BR

9.13 CR/C/2497 F DUNIA-2 8.00

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"/>

2. Enter your decision on receivability

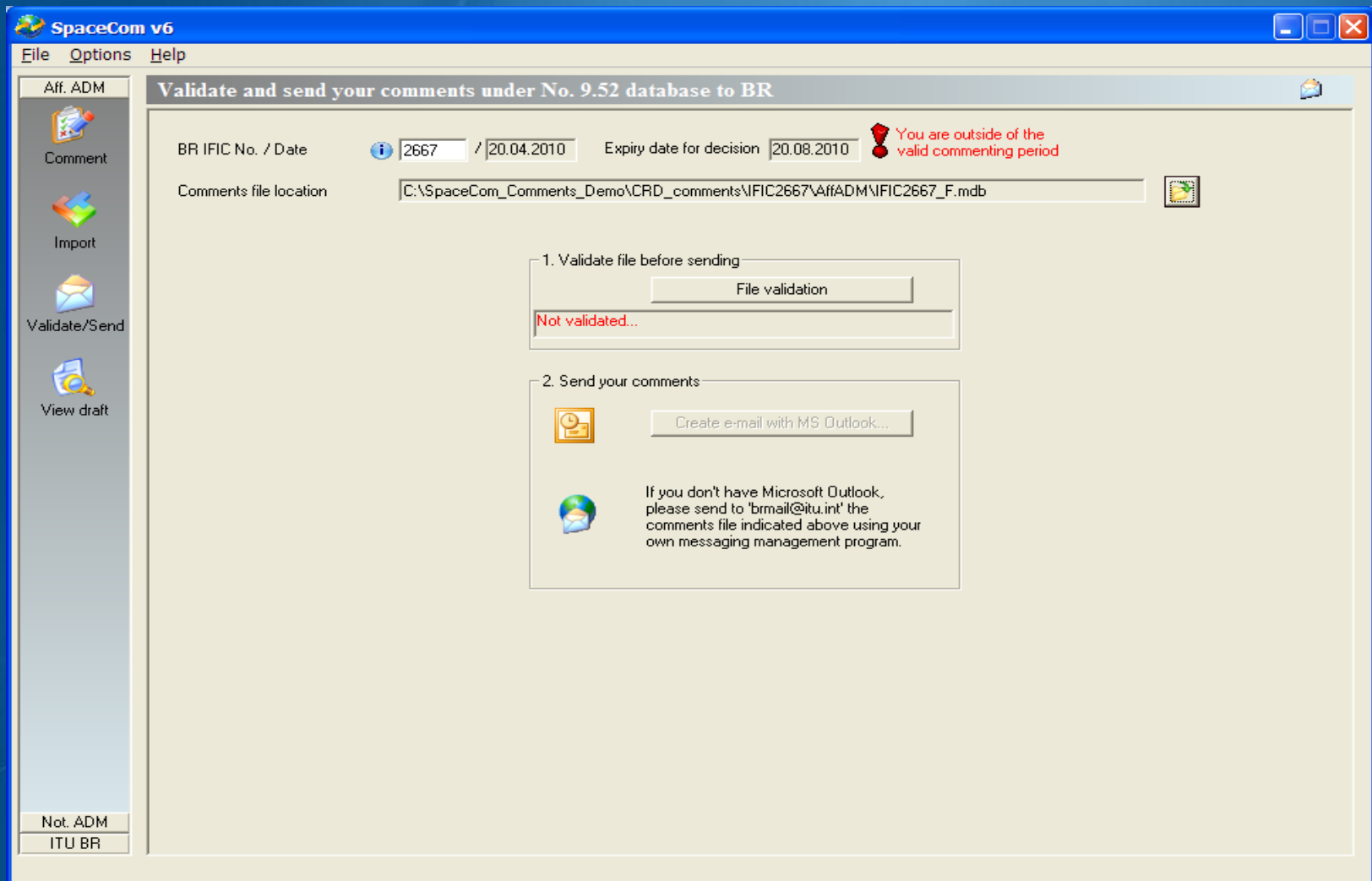
Beam	Emi./Rcp.	Group	Freq. min. [MHz]	Freq. max. [MHz]	Identified by BR or added by affected Adm.	Receivability of the comment	Administration comments	Remarks
▶ EKA2	E	109661453	18800.000	19300.000	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
					G	<input checked="" type="checkbox"/>	a3) coordination requested	
					USA	<input checked="" type="checkbox"/>	a3) coordination requested	
		109661454			*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
					G	<input checked="" type="checkbox"/>	a3) coordination requested	
					USA	<input checked="" type="checkbox"/>	a3) coordination requested	
		109661455			*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
					G	<input checked="" type="checkbox"/>	a3) coordination requested	
					USA	<input checked="" type="checkbox"/>	a3) coordination requested	
		109661456			*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
					G	<input checked="" type="checkbox"/>	a3) coordination requested	
					USA	<input checked="" type="checkbox"/>	a3) coordination requested	
		109661457			*	<input type="checkbox"/>	<- *Check to add aff. Adm.	

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

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

View draft CR/D mdb file

SpaceCom

Help

Aff. ADM

Comment

Import

Validate/Send

View draft

Not. ADM

ITU BR

View BR draft CR/D

1. Input information to view a draft CR/D

IFIC No. / Date 2491 / 08-04-2003

Draft CR/D file location C:\CRD_comments\IFIC2491\BR\CRDdatabase\IFIC2491_BR_CRC887.mdb

Get draft CR/D...

2. Select a draft CR/D to view and click 'View...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.
▶	97520142	CR/C/887			J		ETS-8-129E	129.00

View... ▶

The database containing the draft CR/D information can be viewed by any administration and is distributed in the BR IFIC (Space Services) DVD-ROM

Help

Aff. ADM



Comment



Import



Validate/Send



View draft

Not. ADM

ITU BR

View BR draft CR/D



CR/C information

Provision	Special Section	Adm./ntwk. org.	Satellite network	Orb. pos.
9.21/B	CR/C/887	J	ETS-8-129E	129.00

1. Select the Form of coordination to view

Form of coordination	Coordination from	Coordination with respect to
9.13	GSD	NGSO
9.14	SS	TS
9.21/A	SS	GSD
▶ 9.21/B	SS	NGSO
9.21/C	SS	TS

2. Detail of the selected provision

Beam	Emi./Rcp.	Group	Freq. min. (MHz)	Freq. max. (MHz)	Identified by BR or added by affected Adm.	Administration comments	Remarks
▶ DM8	E	101608188	2500.000	2535.000	D	b3) no comment received	
		101667026	2483.500	2500.000	B	a4) coordination not requested	
					D	b3) no comment received	
					F	b3) no comment received	
					MLA	b3) no comment received	
					RUS	b3) no comment received	
					USA	b3) no comment received	
		101667028			B	a4) coordination not requested	
					D	b3) no comment received	

Apply filter

Clear filter

◀ Select a new draft CR/D...

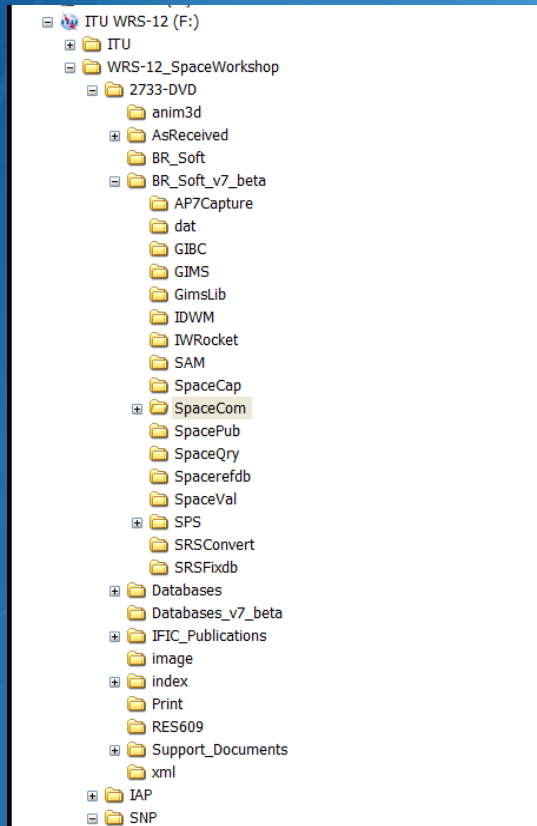
Create report

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.

- ***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.**

to use Space Com please install demo module in ITU USB key



**F:\WRS-12_SpaceWorkshop\2733DVD\BR_Soft_v7_beta\SpaceCom
and use
BRIFIC2733 in : Databases_v7_beta**

**Thank you very much for your kind
attention.**

Questions?