

ITUEvents

ITU World Radiocommunication Seminar 2018

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www.itu.int/go/ITU-R/WRS-18



**Commenting on
CR/D Special Sections
with SpaceCom software**

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ITU/BR/SSD

**ITU HQ Geneva,
3 December, 2018**



Exercises: Commenting to Special Sections with SpaceCom

API/A



CR/C (No.9.52)

CR/C (No.9.41)

AP30-30A/E and AP30-30A/F/C



SpaceCom Template Selection

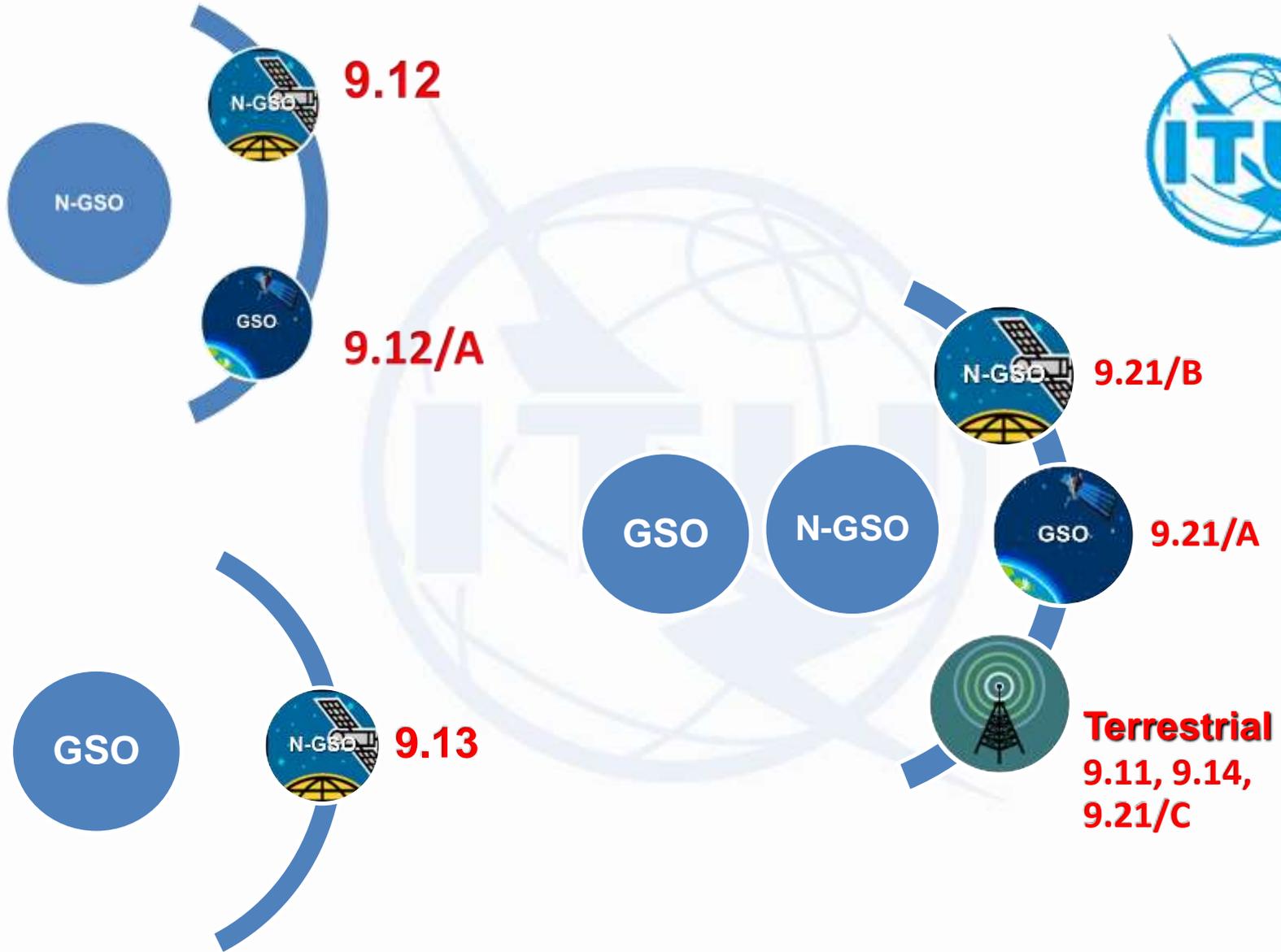


API/A	Manage comments for the publication of API/B Special Sections
CR/C	Manage comments for the publication of CR/D Special Sections
9.41 Request	Manage comments for the publication of CR/E Special Sections
AP30*/E Part A	Manage comments for the publication of Plan Part D of AP30/E, AP30A/E, AP30-30A/E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



Coordination under No. 9.53A



Commenting Administration



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



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).



Who are you ?

Potentially affected Administration (Commenting on a CR/C)

Operator ⓘ

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

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Copy of the comments is to be sent electronically to the following Radiocommunication Bureau address: brmail@itu.int

Next... 

Operators
should send their validated comment files directly to
their Administration NOT to BR

Exercise 1

Potentially affected Administration adding comments under 9.53A

Connect: <https://www.itu.int/en/ITU-R/space/Pages/wrs2018SpaceWorkshop.aspx>

Install: **IFIC2873.mdb**

1. USB Drive:\SpaceCom\ SpaceCom Demo Application
2. Open SpaceCom demo software, press Start and then click CR/C
3. Select administration code **URG**.
4. Select “**Potentially affected administration (commenting on CR/C)**” click **next**
5. In ‘**Comment**’: Input BR IFIC number: 2873
6. Connect to the BR IFIC database from folder: [USB drive]:\BR_SEMINAR\WRS-18\USB Key Material\Space Workshop\Day 5\SpaceCom\2-CRD 9.53A\IFIC_Data\ific 2873.mdb
7. Input your corresponding comments.
8. Check “**comments completed**” for the rest CR/Cs.
9. In ‘**Validate/Send**’: enter BR IFIC 2873
enter the comments file location
c:\SpaceCom_Comments_Demo\CRD_comments\IFIC2873\AffADM\IFIC2873_URG.mdb

Your comments are ready and can be submitted to the Bureau



Login

 Enter your Administration code / network org.

 / 

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. / Date 2873 / 26.06.2018 Expiry date for decision 26.10.2018

You are outside of the valid commenting period

BR IFIC database M:\BR_DATA\SPACE\IFIC_DB\ific2873.mdb

Administration code / network org. URG / 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
	113520188	CR/C/3434	M	1	PNG		OMNISPACE F2		NGSO		✗	
	116520442	CR/C/4334	M	1	SLM		SI-SAT-BILIKIKI		NGSO		✗	
▶	117520492	CR/C/4656			F		EB-SAT-LEO-1B		NGSO	URG	✗	
	117520487	CR/C/4657			F		EB-SAT-LEO-1		NGSO	URG	✗	
	117520489	CR/C/4658			MLD		MVSAT-78.5E		78.50		✗	
	117520488	CR/C/4659			RUS		PROGNOZ-N		NGSO	URG	✗	
	117520495	CR/C/4660			CHN		SPACEWAY		NGSO	URG	✗	
	117520491	CR/C/4661			INS		NUSANTARA-NS1-A		113.00		✗	
	117520494	CR/C/4662			IRN		IRANSAT-B-34E		34.00		✗	
	118520002	CR/C/4663			CHN		LUOJIA-1A		NGSO	URG	✗	
	101520011	CR/C/799	M	5	CHN		COMPASS-80E		80.00		✗	

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

Not. ADM

ITU BR



Comment CR/C...



Create report

Aff. ADM

Potentially affected Administration's comments under No. 9.52

CR/C information

Provision

Special Section

Adm./ntwk. org.

Satellite network

Orb. pos.

Earth station

9.14

CR/C/4656

F

EB-SAT-LEO-1B

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		21.11.2018 ...	<input checked="" type="checkbox"/>
	9.12A	NGSO	GSO		21.11.2018 ...	<input checked="" type="checkbox"/>
	9.14	SS	TS	URG	21.11.2018 ...	<input checked="" type="checkbox"/>
	9.21/A	SS	GSO		21.11.2018 ...	<input checked="" type="checkbox"/>
	9.21/B	SS	NGSO		21.11.2018 ...	<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
	DS2	E	117844549	2483.500	2500.000	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
			117844554			URG	<input checked="" type="checkbox"/>	a3) coordination requested	
						*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
						URG	<input checked="" type="checkbox"/>	a3) coordination requested	
	DU		117844514	400.150	401.000	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
						URG	<input checked="" type="checkbox"/>	a3) coordination requested	
	DV		117844512	137.000	137.050	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
						URG	<input checked="" type="checkbox"/>	a3) coordination requested	
			117844560	137.050	138.000	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
			117844561	137.200	137.800	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
			117844587	137.150	137.850	*	<input type="checkbox"/>	<- *Check to add aff. Adm.	
						URG	<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. ADM

Select a new CR/C...

Save

Check Comments completed

Create report

ITU BR

Aff. ADM



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 2873 / 26.06.2018 Expiry date for decision 26.10.2018

You are outside of the valid commenting period

BR IFIC database M:\BR_DATA\SPACE\IFIC_DB\ific2873.mdb

Administration code / network org. URG /

Comments file location C:\SpaceCom_Comments_Demo\CRD_comments\IFIC2873\AffADM\IFIC2873_URG.mdb

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
	113520188	CR/C/3434	M	1	PNG		OMNISPACE F2		NGSO		✓	21.11.2018 15:53:03
	116520442	CR/C/4334	M	1	SLM		SI-SAT-BILIKIKI		NGSO		✓	21.11.2018 15:53:03
	117520492	CR/C/4656			F		EB-SAT-LEO-1B		NGSO	URG	✓	21.11.2018 15:49:11
	117520487	CR/C/4657			F		EB-SAT-LEO-1		NGSO	URG	✓	21.11.2018 15:51:25
	117520489	CR/C/4658			MLD		MVSAT-78.5E	78.50			✓	21.11.2018 15:51:31
	117520488	CR/C/4659			RUS		PROGNOZ-N		NGSO	URG	✓	21.11.2018 15:51:38
	117520495	CR/C/4660			CHN		SPACEWAY		NGSO	URG	✓	21.11.2018 15:52:47
	117520491	CR/C/4661			INS		NUSANTARA-NS1-A		113.00		✓	21.11.2018 15:53:03
	117520494	CR/C/4662			IRN		IRANSAT-B-34E		34.00		✓	21.11.2018 15:53:04
▶	118520002	CR/C/4663			CHN		LUOJIA-1A		NGSO	URG	✓	21.11.2018 15:52:59
	101520011	CR/C/799	M	5	CHN		COMPASS-80E		80.00		✓	21.11.2018 15:53:04

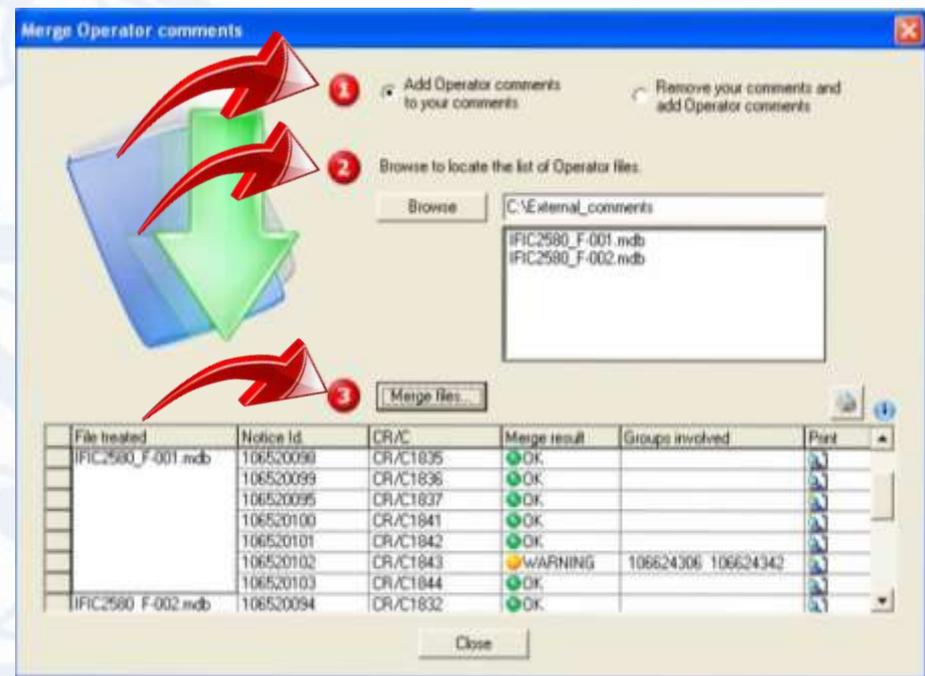
Potentially Affected Administration may have the possibility to add comments.

More information may be requested to justify your request depending on the BR examination results and type of the current provision

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

**Confirm your addition for provisions
9.11, 9.14, 9.21/C, RS33 # 2.1**

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



All comments files should be merged into one database file before being sent to the BR by the Administration

Aff. ADM

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

Comment



Import



Validate/Send



View draft

Not. ADM

ITU BR

BR IFIC No. / Date



2873

/ 26.06.2018

Expiry date for decision

26.10.2018

You are outside of the
valid commenting period

File location

C:\SpaceCom_Comments_Demo\CRD_comments\IFIC2873\AffADM\IFIC2873_URG.mdb 

Validate file before sending



File validation

Validation OK

Send your comments online



Submit Online

In accordance with the Rules of Procedure on
receivability, all SpaceCom comments submitted
by the administration should be done through
the online interface "e-Submissions for satellite
network filings"

Exercise 2

Notifying Administration confirms a draft_CR/D database sent by BR

Notifying ADM of **RUS** confirming draft_CR/D SpaceCom comments file

Connect: <https://www.itu.int/en/ITU-R/space/Pages/wrs2018SpaceWorkshop.aspx>

Install: **IFIC2873_BR_CRC4659.mdb**

1. Open SpaceCom demo software, press Start and then click CR/C
2. Select administration code **RUS**.
3. Select **“Notifying Administration confirming a draft database sent by BR”** and click **‘Next’**
4. In **“Draft CR/D Wizard”**
5. Select the folder located in [USB drive]:\BR_SEMINAR\WRS-18\USB Key Material\Space Workshop\Day 5\1-Submission_comments\2-CRC 9.53A\Not_Adm and click **OK**
6. Open **“For Notifying Adm. ONLY”** Validate to open and examine comments on your network
7. Check **“Validation completed”**.
8. Enter the comment file location
9. **‘Validate/Send**

Your comments are ready and can be submitted to the Bureau.

Aff. ADM

Not. ADM

Draft database file Wizard



Draft Wizard



Send to BR



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 i

	BR IFIC	Adm	Sat. Network	Earth station	Special Section	Comment Completion
▶	2873	RUS	PROGNOZ-N		CR/C/4659	✘

3

Select the action you wish to perform on the network: PROGNOZ-N

For All Adm.

To view a draft

For Notifying Adm. ONLY

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.

Earth station

9.14

CR/C/4659

RUS

PROGNOZ-N

NGSO

1. Select the Form of coordination to validate

Form of coordination	Coordination from	Coordination with respect to	Last update	Validation completed
9.12	NGSO	NGSO		<input type="checkbox"/>
9.12A	NGSO	GSO		<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
TS2R	E	117844367	2170.000	2200.000	HOL/SXM	<input type="checkbox"/>	a4) coordination not requested	
					HRV	<input type="checkbox"/>	a4) coordination not requested	
					HTI	<input type="checkbox"/>	b3) no comment received	
					I	<input checked="" type="checkbox"/>	a3) coordination requested	
					IND	<input checked="" type="checkbox"/>	a3) coordination requested	
					INS	<input checked="" type="checkbox"/>	a3) coordination requested	
					IRL	<input type="checkbox"/>	b3) no comment received	
					IRN	<input checked="" type="checkbox"/>	a3) coordination requested	
					IRQ	<input checked="" type="checkbox"/>	a3) coordination requested	
					ISL	<input checked="" type="checkbox"/>	c3) coord. requested by notif. Adm.	
					ISR	<input checked="" type="checkbox"/>	a3) coordination requested	
					J	<input checked="" type="checkbox"/>	a3) coordination requested	
					JMC	<input type="checkbox"/>	b3) no comment received	



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

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.

Earth station

9.14

CR/C/4659

RUS

PROGNOZ-N

NGSO

1. Select the Form of coordination to validate

	Form of coordination	Coordination from	Coordination with respect to	Last update	Validation completed
	9.12	NGSO	NGSO	21.11.2018 ...	<input checked="" type="checkbox"/>
	9.12A	NGSO	GSO	21.11.2018 ...	<input checked="" type="checkbox"/>
	9.14	SS	TS	21.11.2018 ...	<input checked="" 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
	TS2R	E	117844367	2170.000	2200.000	HOL/SXM	<input type="checkbox"/>	a4) coordination not requested	
						HRV	<input type="checkbox"/>	a4) coordination not requested	
						HTI	<input type="checkbox"/>	b3) no comment received	
						I	<input checked="" type="checkbox"/>	a3) coordination requested	
						IND	<input checked="" type="checkbox"/>	a3) coordination requested	
						INS	<input checked="" type="checkbox"/>	a3) coordination requested	
						IRL	<input type="checkbox"/>	b3) no comment received	
						IRN	<input checked="" type="checkbox"/>	a3) coordination requested	
						IRQ	<input checked="" type="checkbox"/>	a3) coordination requested	
						ISL	<input checked="" type="checkbox"/>	c3) coord. requested by notif. Adm.	
						ISR	<input checked="" type="checkbox"/>	a3) coordination requested	
						J	<input checked="" type="checkbox"/>	a3) coordination requested	
						JMC	<input type="checkbox"/>	b3) no comment received	

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

Aff. ADM

Not. ADM



Draft Wizard



Send 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"

C:\SpaceCom_Comments\CRD_comments\IFIC2873\BR\CRDdatabase

- 2** Select a network i

	BR IFIC	Adm	Sat. Network	Earth station	Special Section	Comment Completion
	2873	F	EB-SAT-LED-1		CR/C/4657	
	2873	F	EB-SAT-LED-1B		CR/C/4656	
	2873	INS	NUSANTARA-NS1		CR/C/4661	
	2873	IRN	IRANSAT-B-34E		CR/C/4662	
	2873	MLD	MVSAT-78.5E		CR/C/4658	
	2873	PNG	DMNISPAC E2		CR/C/3434M1	
<input checked="" type="checkbox"/>	2873	RUS	PROGNOZ-N		CR/C/4659	✓
	2873	SLM	SP-SAT-BILIKIN		CR/C/4534M1	

- 3** Select the action you wish to perform on the network: PROGNOZ-N

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

Aff. ADM

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



Comment



Import



Validate/Send



View draft

Not. ADM

ITU BR

BR IFIC No. / Date



2873

/ 26.06.2018

Expiry date for decision

26.10.2018

You are outside of the
valid commenting period

File location

C:\SpaceCom_Comments_Demo\CRD_comments\IFIC2873\AffADM\IFIC2873_URG.mdb



Validate file before sending



File validation

Validation OK

Send your comments online



Submit Online

In accordance with the Rules of Procedure on
receivability, all SpaceCom comments submitted
by the administration should be done through
the online interface "e-Submissions for satellite
network filings"

User status: Affected Administration ; User code: URG
BR IFIC: 2873

Report on the status of all your comments.
(Paper version is not receivable by BR, please submit .mdb file only)

CR/C/3434M1 ; PNG ; OMNISPACE F2 ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
	not involved	not involved	not involved	

CR/C/4334M1 ; SLM ; SI-SAT-BILIKIKI ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
	not involved	not involved	not involved	

CR/C/4656 ; F ; EB-SAT-LEO-1B ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
9.14	URG			

CR/C/4657 ; F ; EB-SAT-LEO-1 ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
9.14		URG		

CR/C/4658 ; MLD ; MVSAT-78.5E ; (orb. pos.:78.5)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
	not involved	not involved	not involved	

CR/C/4659 ; RUS ; PROGNOZ-N ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
9.14		URG		

CR/C/4660 ; CHN ; SPACEWAY ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
9.14	URG			

CR/C/4661 ; INS ; NUSANTARA-NS1-A ; (orb. pos.:113)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
	not involved	not involved	not involved	

CR/C/4662 ; IRN ; IRANSAT-B-34E ; (orb. pos.:34)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
	not involved	not involved	not involved	

CR/C/4663 ; CHN ; LUOJIA-1A ; (orb. pos.:NGSO)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
9.21/C	URG			

CR/C/799M5 ; CHN ; COMPASS-80E ; (orb. pos.:80)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED



Thank you

**Please remember to visit
the WRS-18 Exhibition
located at the entrance of the
ITU Montbrillant building**

Interpretation Channels

Wi-Fi at CICG (case sensitive)

English

1

SSID: itu

Français

2

Español

3

password: itu@GVA1211

Русский

4

عربي

5

中文

6