



30TH WORLD RADIOCOMMUNICATION SEMINAR

24 – 28 October 2022

Geneva, Switzerland

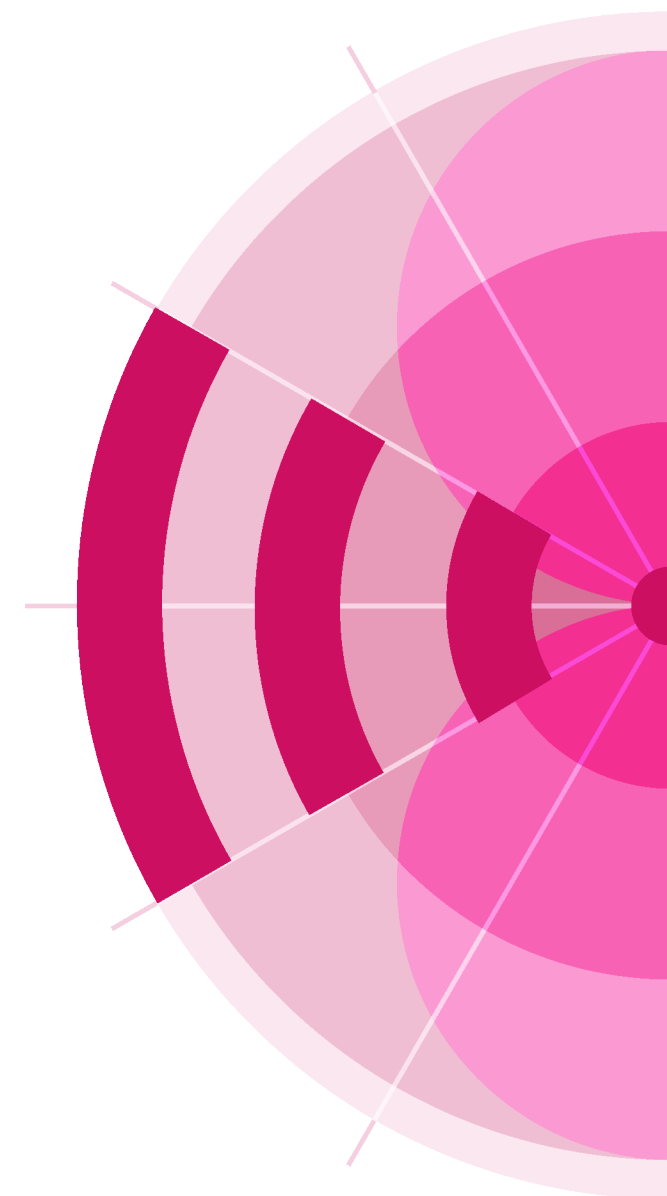
Commenting on Special Sections in general

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www.itu.int/go/wrs-22

#ITUWRS



General Concepts (1)

What is a comment?

- An indication from an Administration on **whether or not it accepts the technical characteristics** of an assignment to a satellite network, just as it has been submitted to the Bureau.
- The acceptance of the characteristics of an assignment may imply
 - **the acceptance of potential interference** to radiocommunication services, or
 - **the inclusion of the territory** of the commenting Administration in the service area of the incoming satellite network.

Why do Administrations have to comment?

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

Which Administrations have to comment?


- **All Administrations** may need to comment,
 - **even if they are not responsible of any satellite network** (potential interference to terrestrial services or to assignments/allotments in the Plans), and
 - **even if they are not identified as potentially affected** in the corresponding Special Section.

General Concepts (2)




When do Administrations have to comment?

- Within **4 months** from the date of publication of the corresponding Special Section
 - Except for exclusion of territories or replies to BR assistance

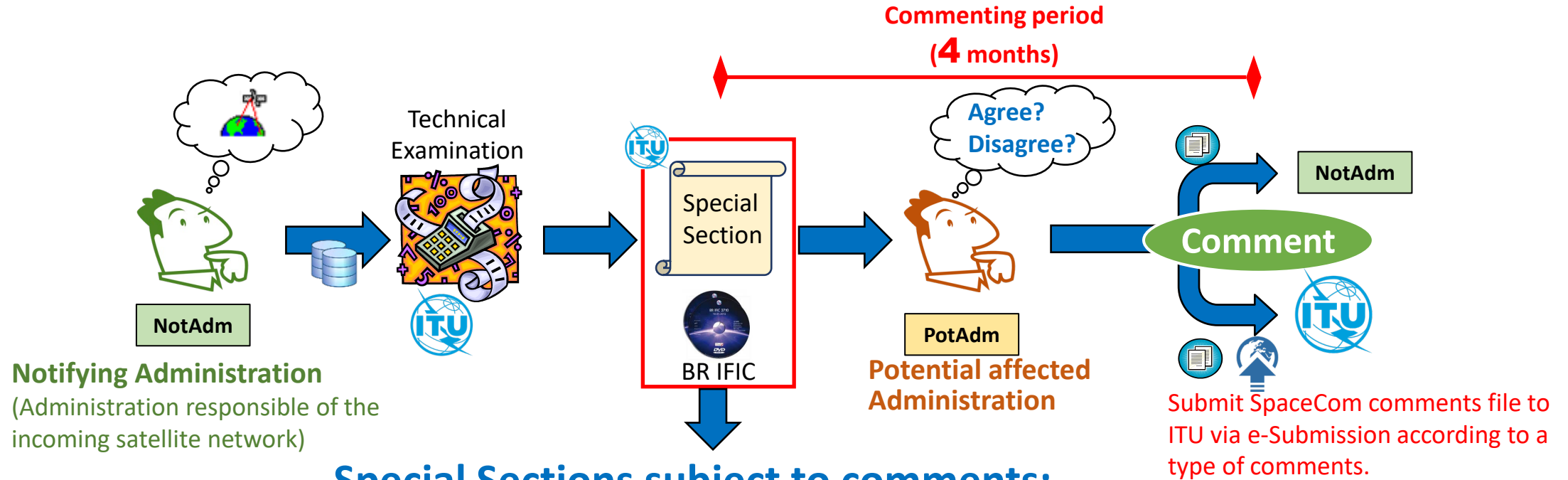
To whom should comments be sent?

- To the notifying Administration
 - By correspondence 
- To the Bureau
 - By correspondence  and e-Submission (for SpaceCom comments file) 

How do Administrations have to comment?

-  Using BR software **SpaceCom**
-  Correspondence (**e-Communications**, telefax, letter, email)
-  Using **e-Submissions system** to submit SpaceCom comments to the Bureau

General Commenting Workflow



Special Sections subject to comments:

	Non-Planned Services		Planned Services				
			Appendices 30 and 30A				Article 6 of Appendix 30B
	Sub-section IA of Article 9	Section II of Article 9	Article 4 of AP30/30A		Article 2A of AP30/30A		
Regions	All	All	Regions 1&3	Region 2	Regions 1&3	Region 2	All
Special Section	API/A	CR/C	AP30/E (Part A) AP30A/E (Part A)	AP30-30A/E (Part A)	AP30-30A/F/C	AP30-30A/F/C	AP30B/A6A

Type of Comments



When an Administration is identified as potentially affected

- Agreement or disagreement.



When an Administration is not identified as potentially affected

- Request for inclusion/exclusion in coordination list under **No.9.41** (comments to **CR/C**)
 - Under **No.9.7**: Criteria for inclusion: $\Delta T/T > 6\%$
 - Under **No.9.7A** and **No.9.7B**: Verification of Equivalent Power Flux Densities levels produced by Non-GSOs
- Comments submitted under **No.9.3** (comments to **API/A**)
 - Criteria for commenting:
 - (1) Interference to terrestrial services
 - (2) Interference to space services
 - (3) Exclusion of territory



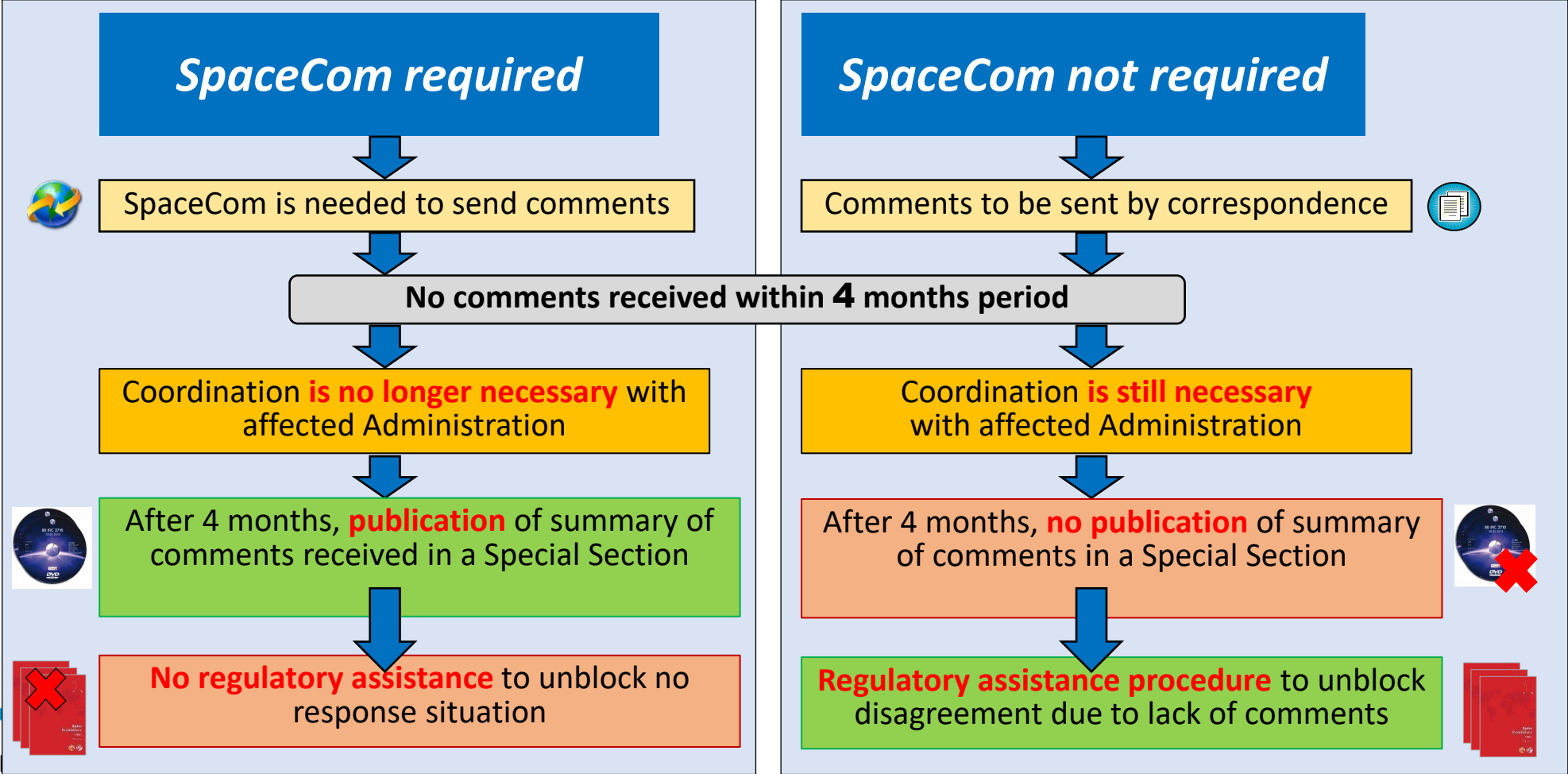
Regardless of identification as affected

- Request for exclusion of territory:
 - **No.23.13B/C**: Only applicable to assignments in the Broadcasting-Satellite Service (BSS)
 - **§ 6.16 of Article 6 of Appendix 30B**: Applicable to assignments published in accordance with **Appendix 30B**

Assumption by default when no reply

What happens when an Administration that has been identified as potentially affected does not reply within the **4** months commenting period?

- Two approaches:



GE



Commenting on Special Sections at a glance

Special Section	Region	Identification (provisions)	Comments submitted under	Commenting approach	How to comment	Summary of comments (Special Section)	BR Assistance procedure
API/A	All	-	No.9.3	SpaceCom req.	SpaceCom	API/B	-
CR/C	All	9.7, 9.7A, 9.7B	No.9.52	SpaceCom not req.	Corresp.	-	Nos.9.60-9.62
		AP30#7.1, AP30A#7.1 RS539					-
		9.11 9.11A (9.12, 9.12A, 9.13, 9.14) 9.21/A, 9.21/B, 9.21/C	No.9.52	SpaceCom req.	SpaceCom	CR/D	-
		-	No.9.41	SpaceCom req.	SpaceCom	CR/E	-
AP30/E (Part A) AP30A/E (Part A)	1 & 3	All	§ 4.1.7, 4.1.9, 4.1.10 of AP30/30A	SpaceCom not req.	Corresp.	-	§ 4.1.10a - 4.1.10d
AP30-30A/E (Part A)	2	All	§ 4.2.10, 4.2.13, 4.2.14 of AP30/30A	SpaceCom req.	SpaceCom	AP30-30A/E (Part D)	-
AP30-30A/F/C	1 & 3	AP30#4.1.1D	§ 4.1.7, 4.1.9, 4.1.10 of AP30/30A	SpaceCom not req.	Corresp.	-	§ 4.1.10a - 4.1.10d
		9.7	No.9.52	SpaceCom not req.	Corresp.	-	Nos.9.60-9.62
		AP30#7.1, AP30A#7.1					-
AP30-30A/F/C	2	AP30#4.2.3D	§ 4.2.10, 4.2.13, 4.2.14 of AP30/30A	SpaceCom req.	SpaceCom	AP30-30A/F/D	-
		9.7	No.9.52	SpaceCom not req.	Corresp.	-	Nos.9.60-9.62
		AP30#7.1, AP30A#7.1					-
AP30B/A6A	All	AP30B#6.5	§ 6.10 of AP30B	SpaceCom not req.	Corresp.	-	§ 6.13-6.15
		AP30B#6.6	-	SpaceCom not req.	Corresp.	-	-

Installation of SpaceCom

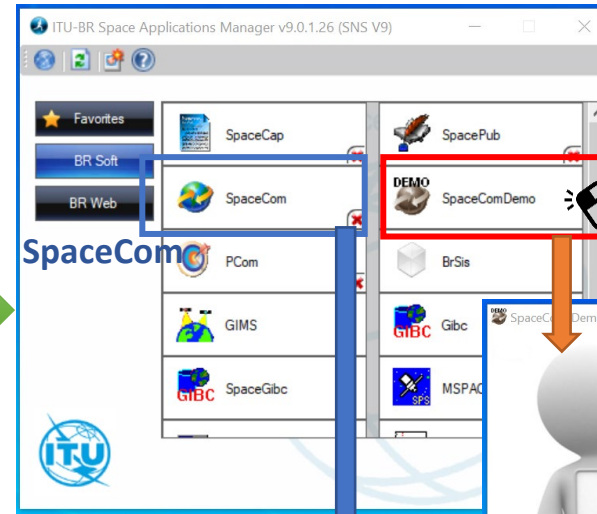
Install latest Space Software v9* from SSD site here:

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

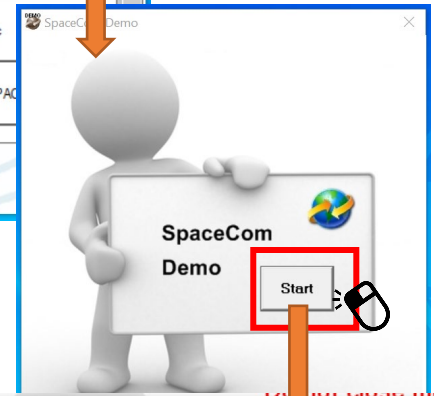


Download and Install!

Open

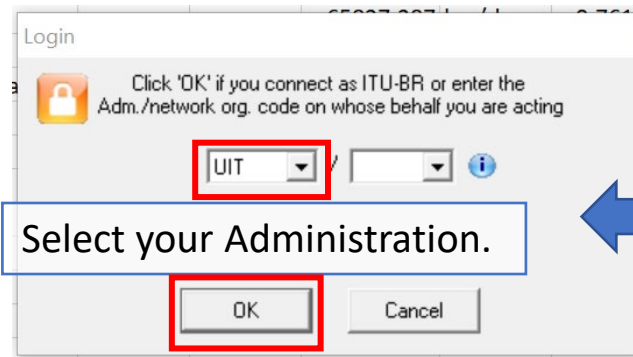
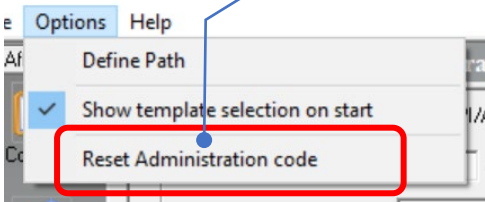


SpaceComDemo
(For exercises)

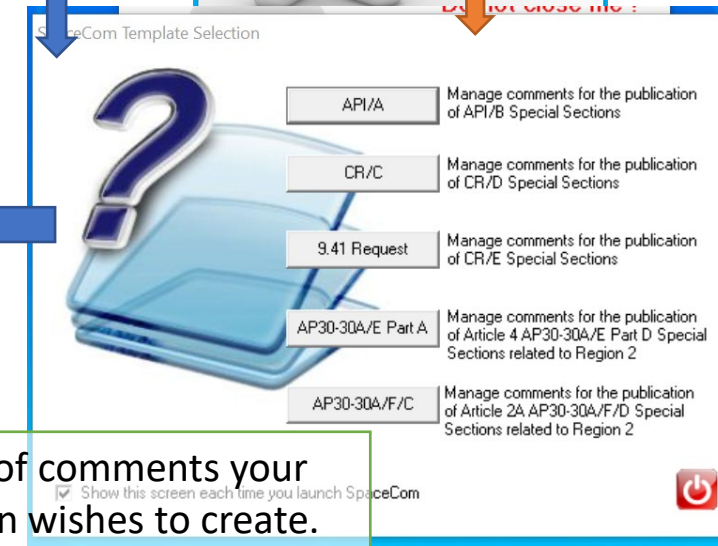


**New feature on SpaceCom:
Reset Administration Code**

Users can change Administration code without reinstalling software.



Select your Administration.



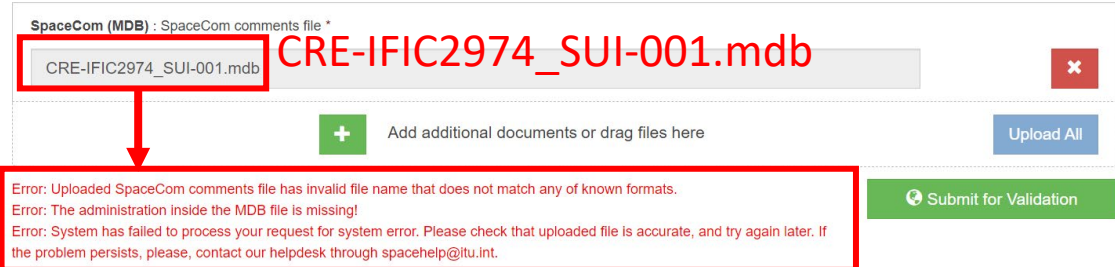
Select a type of comments your Administration wishes to create.

! SpaceCom comments to BR IFIC in version 9.0 should be created via SpaceCom V9 and submitted to ITU even after SNS V9.1 will be released.

Tips to submit SpaceCom comment files via e-Submission

! Take care of a file name of a SpaceCom comments file

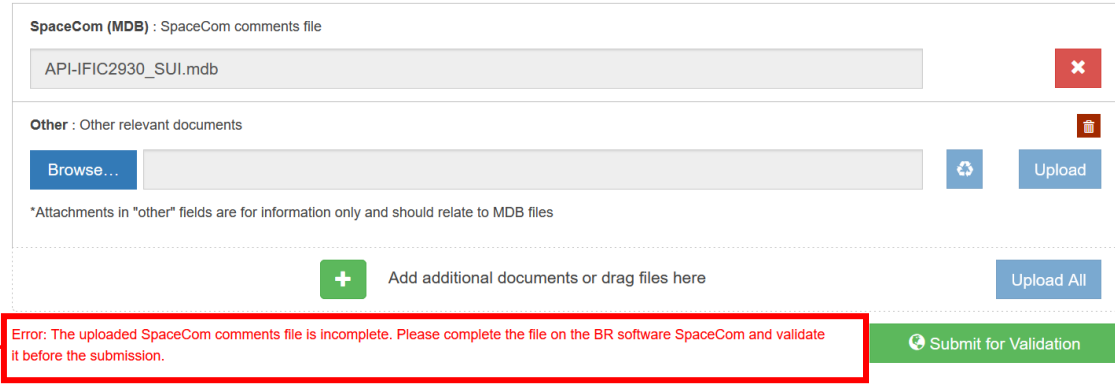
- Acceptable file names of SpaceCom comments files are limited to
- IFICxxxx_ADM.mdb
 - API-IFICxxxx_ADM.mdb
 - SOF-IFICxxxx_ADM.mdb
 - CRE-IFICxxxx_ADM.mdb
 - PLAN-IFICxxxx_ADM.mdb



Submissions of unacceptable file name are blocked and show error messages.

! Make all comments completed

- Make all comments completed on SpaceCom.
- Submission of uncompleted SpaceCom comment file is blocked with an error message.



Error: The uploaded SpaceCom comments file is incomplete. Please complete the file on the BR software SpaceCom and validate it before the submission.



Tips to submit SpaceCom comment files via e-Submission

! Withdraw former SpaceCom file in submitting another SpaceCom file to a same IFIC

Withdraw initial SpaceCom comments file when submitting another SpaceCom comments file to the same IFIC in order to proceed the process in BR smoothly without confusions.

BR Registry Date	Comments type	IFIC	IFIC date	Status	Status
16.10.2022	CR/D	2974	28.06.2022	Submitted to BR	Submitted to BR
14.10.2022	CR/D	2974	28.06.2022	Accepted by BR	Requested for withdrawal to BR

Click on "Request for withdrawal" (indicated by a yellow arrow and mouse cursor pointing to the 'Requested for withdrawal to BR' status)

! Submission after 4 months period is warned

- Warning message is shown when comments are submitted after 4 months commenting period.
- Administrations can submit comments after 4 months period. However, the comments may be **not receivable**.
- The BR registry date of comments submitted after 4 months is shown in red texts to stand out.

Warning!

Your submission date is outside the BR IFIC 4 month commenting period and may not be **receivable** by Bureau.

BR Registry Date	Comments type	IFIC	IFIC date	Status	Uploaded by
16.10.2022	API/B	2973	14.06.2022	Submitted to BR	ADM.

Submission: e-Submission and e-Communications

- SpaceCom comments shall be submitted to ITU via **e-Submission**.
- Non SpaceCom comments can be send to notifying Administrations and ITU via **e-Communications**, email and telefax. (**e-Communications is recommended!**)
- **e-Submission**
 - <https://www.itu.int/ITU-R/space/e-submission/>
 - Users are requested to be registered on the system.
 - Test site: <https://www.itu.int/ITU-R/space-submissions/external/wrs/>
 - All Administrations can test submissions of SpaceCom comments
- **e-Communications**
 - <https://www.itu.int/itu-r/space/e-communications>
 - Users are requested to be registered on the system.
 - Test site: <https://www.itu.int/itu-r/e-communications/external/wrs>
- User accounts on test sites (common for e-Submission and e-Communications)
 - Username: **rtrain_xxx** (“xxx” is a symbol of Administration (e.g., F, SUI, AFS)
 - Password: **rtrain@itu**



e-Submission site

The image shows a screenshot of a web form for selecting a category. The form has a title 'Choose category' and a subtitle 'Please choose the category for your correspondence. Click subtitle'. Below this is a 'Note:' section with three bullet points: 'Multiple categories can be chosen for “Comments and corr”', 'Only 1 category can be chosen for other categories.', and 'Space network filings and Comments with SpaceCom cc filings and SpaceCom comments submitted through e-C'. There are five checkboxes listed below the note, each with a blue triangle icon to its left. The first checkbox is selected and has a blue triangle icon to its left. The other four are unselected.

Choose category

Please choose the category for your correspondence. Click subtitle

Note:

- Multiple categories can be chosen for “Comments and corr
- Only 1 category can be chosen for other categories.
- Space network filings and Comments with SpaceCom cc filings and SpaceCom comments submitted through e-C

☑ Comments and correspondence between ADMs

Comment to NGSO not subject to Coordination (without SpaceCom file)

Comment to GSO and NGSO subject to coordination (without SpaceCom file)

Comment referencing to 9.41 (without SpaceCom file)

Exclusion of service area of BSS

Exclusion from service area (AP30B) under §6.16 of AP30B

e-Communications site

NEXT:

Commenting on Special Sections

API/A

CR/C

AP30/30A/30B

Thank you!

ITU – Radiocommunication Bureau

Questions to

brmail@itu.int

SpaceCom_Support@itu.int

brsas@itu.int (for SpaceCom software)

