

Commenting on AP30* Special Sections

Workshop on Space Plan services
(AP30/30A/30B)

Presented by Véronique Glaude

ITU-R/SSD Space Notification and Plans Division

An application  to assist Administrations in the management of their objections (comments)

**For Planned services:
under § 4.1.9 or 4.2.13 of Article 4 of
Appendices 30 and 30A**

Commenting on AP30* Special Sections



BSS PLAN
Special Section:
AP30(30A)/E/ Part A



SOF in planned bands
Special Section:
AP30-30A/F/C/



FSS PLAN
Special Section:
AP30B/A6A/



BR examination under:
A30#4.1.1A/B/C/D/E
A30A#4.1.1A4/A7/B4/B7/C/D
A30A#4.1.1D(Art.2A)
A30#4.2.3A/B/C/D/E6/E7/F
A30A#4.2.2A/B/C

BR examination under:
AP30#4.1.1D
AP30#4.2.3D

BR examination under:
RR 9.7
AP30#7.1
AP30A#7.1

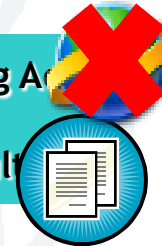
BR examination under:
AP30B#6.5
AP30B#6.6

To comment within 4 months, the Administrations identified above use:

SpaceCom software
To express disagreement
(agreement by default)



Telefax to BR / notifying Adm
To express comment
(disagreement by default)



OR

Results in Special Section:
AP30(30A)/E/ Part D



Results in Special Section:
AP30-30A/F/D/

BR assistance for coordination
Telefax to affected Adm

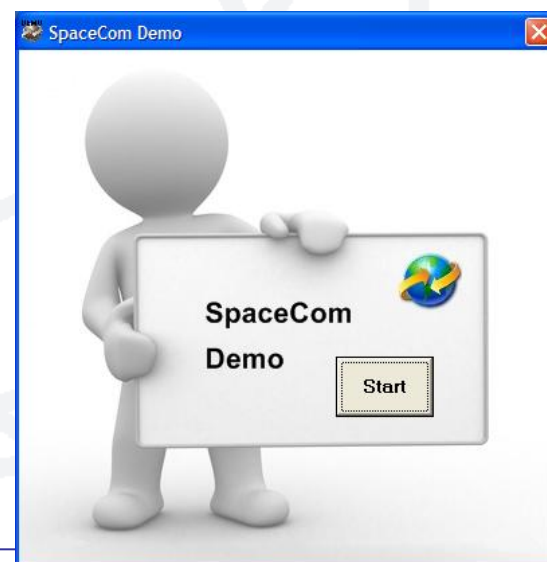


Installation of SpaceCom v6

- If you have the BR IFIC (space services) CD ROM:
Run: BR_soft\SpaceCom\InstallSpaceCom.exe
- If you have the SRS on DVD ROM:
Run: BR_soft\setup.exe
- On the web you can find information and download at:
<http://www.itu.int/ITU-R/go/space-software-capture-system-for-comments-on-special-sections/en>

Installation of SpaceCom DEMO

- On the web you can download at:
<http://www.itu.int/en/ITU-R/software/Documents/spacecom/SpaceComDemo.exe>
- Copy the file SpaceComDemo.exe in
C:\BR_SOFT\SpaceCom_v6
- Run SpaceComDemo.exe file





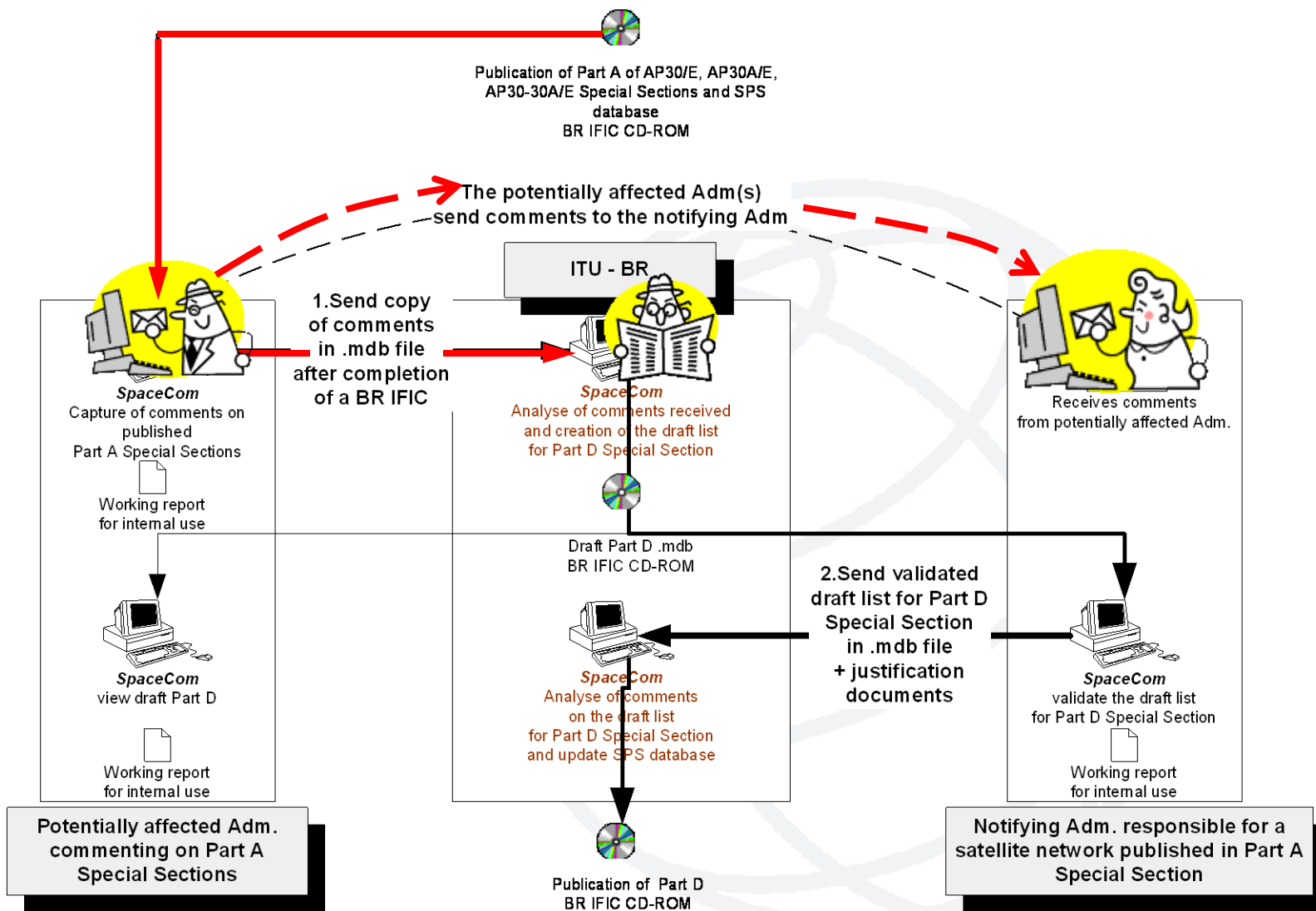
SpaceCom – Plan

Exercise I: the affected Administration captures its comments on a BR IFIC

Exercise II: the notifying Administration validates the draft list of potentially affected administrations



Exercise I: the affected Administration captures its comments on BR IFIC 2665





Exercise I: you are the Administration “BOL”

commenting on AP30*/E Part A Special Sections published in the BR IFIC 2665 / 23.03.2010

- Open **SpaceCom demo** software / click “Ap30*/E PartA”
- Select the Administration code: “BOL”
- Select “Potentially Affected Administration (Comment a PartA)”

In “Comment”:

- Input PartA BR IFIC number / connect to the BR IFIC database: SPS_ALL_IFIC2665.mdb in F:\WRS-10_Space Workshop\Space Plans\10_A30_30A SpaceCom\Exercise 1\
• Click “Get list of PartA” / select USAT-S2 MOD-B satellite network
• Click “Comment PartA...”

Your analysis of the published satellite network identified unacceptable interference caused on your networks under: **A30#4.2.3C** and **A30A#4.2.2C** coincides with BR conclusions

- Accept default comments “a3) disagreement to the proposed assignments” by checking “comments completed”

In “Validate/Send”:

- Enter BR IFIC no. 2665/ Browse Comments file location
C:\SpaceCom_Comments_Demo\Plan_comments\IFIC2629\AffADM\PLAN-IFIC2665_BOL.mdb
• Click “File validation”

Your comments file is ready and could be sent to the Bureau!



Exercise I: the affected Administration captures its comments on BR IFIC 2665



Solution

Report on the status of all your comments.
(Not receivable by BR)

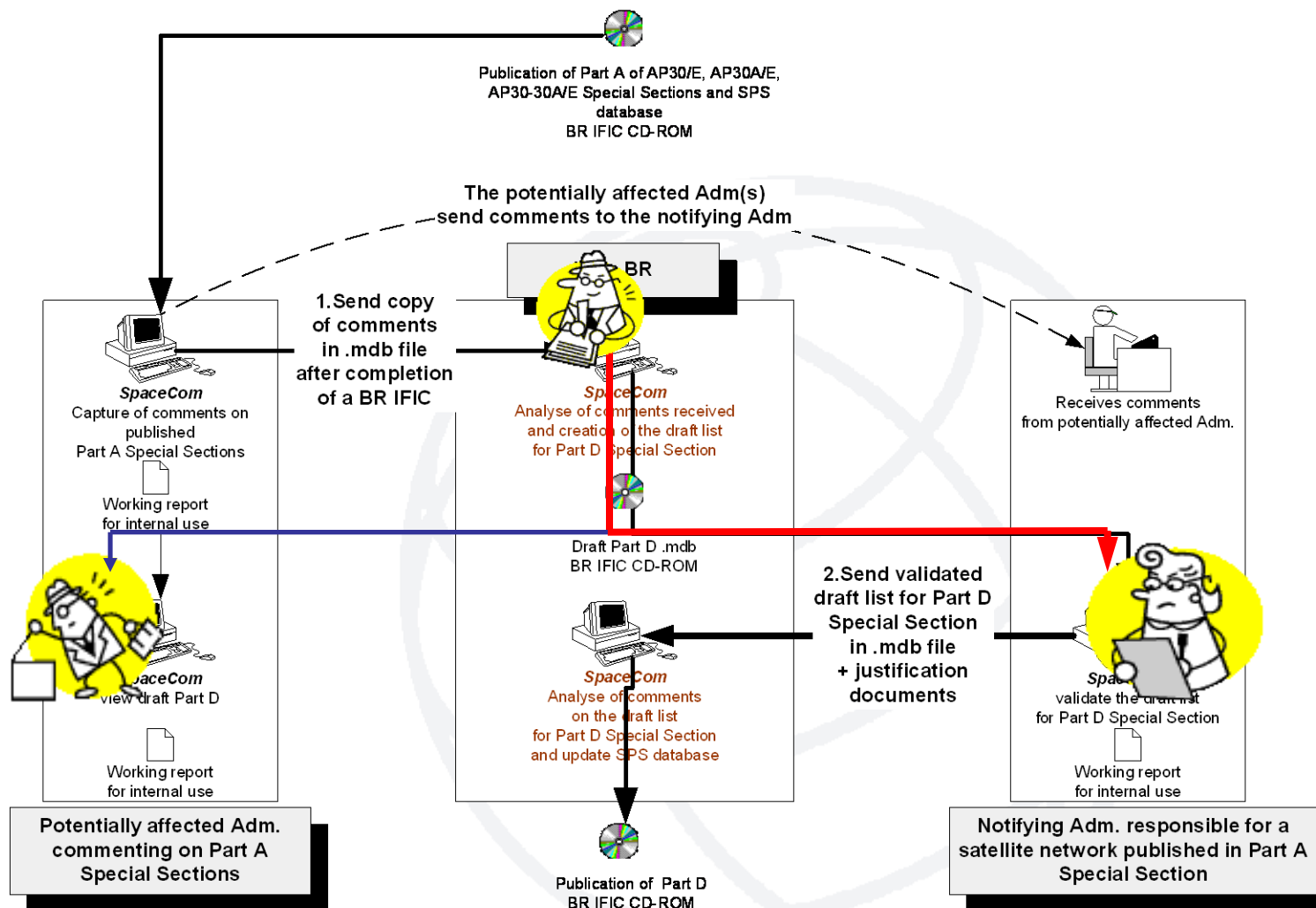
AP30-30A/E505 ; G ; USAT-S2 MOD-B ; (orb. pos.: -114.5)

Provision	Disagreement to the proposed assignments	Agreement to the proposed assignments	Wants to be Added	COMMENTS COMPLETED
A30#4.2.3C	BOL			
A30A#4.2.2C	BOL			

Explanation Step by step of this exercise in annex below



Exercise II: the notifying Administration validates the draft list of potentially affected administrations





Exercise II: you are the Administration “POR”

Validating the draft list of valid comments of your satellite network **POR-SAT** published in **AP30/E/999** Part A Special Section in **BR IFIC 2604 / 02.10.2007** before publication of the AP30/E/999 Part D Special Section

- Open **SpaceCom demo** software / click “Ap30*/E PartA”
- Select the Administration code: “POR”
- Select “Notifying Administration (Confirms a draft PartD sent by the BR)”

In “Draft Validation”:

- Input PartA BR IFIC number 2604 and reference Part A AP30/E and number 999
Connect to the draft database: PLAN-IFIC2604_BR_AP30E999.mdb
in F:\WRS-10_Space Workshop\Space Plans\10_A30_30A SpaceCom\Exercise 2\
Note: for real cases, location in the BR IFIC is indicated in the Bureau’s telefax
- Click “Get draft PartD” / select POR-SAT satellite network /
Click “Validate...”

You have received same comments as the Bureau
from the Administration of “ALG”, “DNK”, “SUI” within the four-month period.
Agreement was received from Administration of “HOL” not copied to BR.

- Input your validation and “Check Validation completed” when finished.

In “Send to BR”:

- Enter BR IFIC no. 2604 / Browse Validation file location / Click “File validation”

Your validation is ready and could be sent to the Bureau for AP30/E/999 Part D publication!

C:\SpaceCom_Comments_Demo\Plan_comments\IFIC2604\NotADM\Draft\
PLAN-IFIC2604_NOT_AP30E999.mdb



Exercise II: the notifying Administration validates the draft list of potentially affected administrations



Solution

BR IFIC: 2604 ; Special Section: AP30/E/999 ; Adm./ntwk org.: POR ; Sat. ntwk: POR-SAT ; Orb. pos.: -20.00

ITU-BR SpaceCom working report for your internal use only.
Not receivable by BR

Provision	Examined notice	To be protected	Link	Identified by BR or added by Aff. Adm.	Administration comments	Receivability of the comments	Remarks ID
A30#4.1.1B	Planned BSS	Planned BSS (Art.4/List)	DN	ALG	a3) disagreement	True	
				DNK	a3) disagreement	True	
				SUI	a3) disagreement	True	
A30#4.1.1D	Planned BSS	Terrestrial		HOL	c1) agreement through Notif. Adm.	False	
				F	c2) no agreement to be obtained	False	

Explanation Step by step of this exercise in annex below



Merge in-house users



Merge operators



Reports



Definition of default path



Automatic Web update



SpaceCom - more information

the User Manual distributed with the software package
[http://www.itu.int/en/ITU-R/
software/Documents/spacecom/InstallSpaceCom_v6.exe](http://www.itu.int/en/ITU-R/software/Documents/spacecom/InstallSpaceCom_v6.exe)

Contact SpaceCom:


BR_SpaceCom_support@itu.int

the affected Administration captures its comments on a BR IFIC

- Extract from CD BR IFIC 2665 - D:/Data/SpacePlans/SPS/SPS_ALL_IFIC2665.zip to your local drive as for example C:/BR IFIC/SPS_ALL_IFIC2665.mdb
- Launch SpaceCom DEMO 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

1 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



Login



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

1

/ 

2

OK

Cancel

Who are you ?

Potentially affected Administration (Commenting on a Part A)

Operator

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

An administration willing to express its disagreement to the proposed assignments submitted under Article 4 of Appendices 30 and 30A, shall notify its disagreement within four-months from the date of publication of the BR IFIC of the corresponding Part A of AP30/E, AP30A/E or AP30-30A/E Special Sections referred to in § 4.1.5/4.2.8 plus any extension afforded under § 4.1.10/4.2.14.

According to the same provisions, an administration that has not notified its comments either to the administration seeking agreement or to the Bureau within the above-mentioned regulatory period shall be deemed to have agreed to the proposed assignment.

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

1


Next...




Keeping operator blank for comments for BR

Potentially affected Adm.'s comments under §4.1.7/4.2.10 or §4.1.9/4.2.13 of Art. 4 of AP30/30A

1. Input information to get a list of Part A to comment

BR IFIC No. / Date  2665 / 23.03.2010 Expiry date for decision 23.07.2010

 You are outside of the valid commenting period

SPS_ALL BR IFIC C:\BR IFIC\SPS_ALL_IFIC2665.mdb 

Administration code / network org. BOL /

Comments file location

2
Get list of Part A...





No comment completed yet


2. Select a Part A to comment and click 'Comment Part A...'

3

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Identified by BR	Comments completion	Comments last u
▶	109555006	AP30-30A/E/505			G		USAT-S2 MOD-B	-114.50	BOL		

4
Comment Part A... 

- Aff. ADM
-  Comment
-  Import
-  Validate/Send
-  View draft
- Not. ADM

 Create re

Aff. ADM

 Comment

 Import

 Validate/Send

 View draft

Potentially affected Adm.'s comments under §4.1.7/4.2.10 or §4.1.9/4.2.13 of Art. 4 of AP30/30A

Part A Special Section information

Notice Id. Special Section Adm./ntwk. org. Satellite network Orb. pos.

109555006 AP30-30A/E/505 G USAT-S2 MOD-B -114.50

Comments completed

25.08.2010

1. Enter your comments by checking or unchecking the relevant check box in column 'Confirm/Add/Remove' before sending them. If you uncheck the default, you agree to the proposed assignments under the relevant provision.

	Provision	Examined notice	To be protected	Link	Identified by BR or added by affected Adm.	Agree / Disagree / Add	Administration comments	Remarks
	23.13B	Planned BSS	Territory		*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	23.13C	Planned BSS	Territory		*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30#4.2.3A	Planned BSS	Planned BSS (PLA...	DN	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30#4.2.3B	Planned BSS	Planned BSS (Art...	DN	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30#4.2.3C	Planned BSS	Planned BSS (PLA...	DN	BOL	<input checked="" type="checkbox"/>	a3) disagreement to the proposed assignments	
	A30#4.2.3D	Planned BSS	Terrestrial		*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30#4.2.3E6	Planned BSS	Non planned FSS	DN	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30#4.2.3E7	Planned BSS	Non planned FSS	UP	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30#4.2.3F	Planned BSS	Non planned BSS	DN	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30A#4.1.1D	Planned feeder...	Feeder link in SQF...	UP	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30A#4.2.2A	Planned feeder...	Planned feeder lin...	UP	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30A#4.2.2B	Planned feeder...	Planned feeder lin...	UP	*	<input type="checkbox"/>	<-- *Check to add aff. Adm.	
	A30A#4.2.2C	Planned feeder...	Planned feeder lin...	UP	BOL	<input checked="" type="checkbox"/>	a3) disagreement to the proposed assignments	

1 - Input your comments on the proposed assignments:

Check if disagreement

Uncheck if agreement

4

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

2

Select a new Part A...

Save

Check Comments completed

Create report

Not. ADM

ITU BR

WRS-10

Aff. ADM



Comment



Import



Validate/Send




View draft

Not. ADM

ITU BR

Potentially affected Adm.'s comments under §4.1.7/4.2.10 or §4.1.9/4.2.13 of Art. 4 of AP30/30A

1. Input information to get a list of Part A to comment

BR IFIC No. / Date  2665 / 23.03.2010 Expiry date for decision 23.07.2010 You are outside of the valid commenting periodSPS_ALL BR IFIC C:\BR IFIC\SPS_ALL_IFIC2665.mdb 


Administration code / network org. BOL /

Comments file location C:\SpaceCom_Comments\PLAN_comments\IFIC2665\AffADM\PLAN-IFIC2665_BOL.mdb



Get list of Part A...

Auto Complete

2. Select a Part A to comment and click 'Comment Part A...'





	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Identified by BR	Comments completion	Comments last update
▶	10955500E	AP30-30A/E/505			G		USAT-S2 MOD-B	-114.50	BOL		25.08.2010 15:14:09

Comments are completed when only green checks in the column

Comment Part A...  Create report

Aff. ADM


Validate and send your comments database to BR

-  Comment
-  Import
-  Validate/Send
-  View draft

BR IFIC No. / Date

2 2665 / 23.03.2010

Expiry date for decision 23.07.2010

 You are outside of the valid commenting period

Comments file location

C:\SpaceCom_Comments\Plan_comments\IFIC2665\AffADM\PLAN-IFIC2665_BOL.mdb

1

3


4


1. Validate file before sending

Validation OK

5 - if Validation OK

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.

SAMPLE of Report in case of comments are: disagreement to the proposed assignments



Report on the status of all your comments.
(Not receivable by BR)

AP30-30A/E505 ; G ; USAT-S2 MOD-B ; (orb. pos.: -114.5)

Provision	Disagreement to the proposed assignments	Agreement to the proposed assignments	Wants to be Added	COMMENTS COMPLETED
A30#4.2.3C	BOL			
A30A#4.2.2C	BOL			

SAMPLE

- After 4 months of commenting period, BR merges all comments received from affected administration



- A SpaceCom draft database is posted in a BR IFIC for the validation of the notifying Administration and control of the affected Administration with the SpaceCom viewer



The SpaceCom draft file (.mdb) is summarizing comments received by the Bureau

It is distributed to Administrations in BR IFIC CD-ROM after the end of the commenting time-period and before AP30*/E Part D publications

In SpaceCom software, the Viewer facility should be used to view and create reports on the draft file

Notifying Administrations need it to validate comments received by the Bureau and cross-check with comments received by them

Affected Administrations can check if their comments are properly received by the Bureau



Sample how to get SpaceCom draft file



International
Telecommunication
Union

BR IFIC 2678 / 21.09.2010 Space Services

BRIFIC

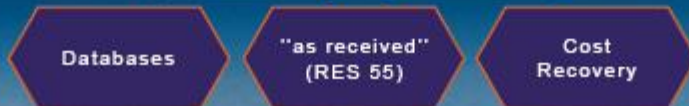
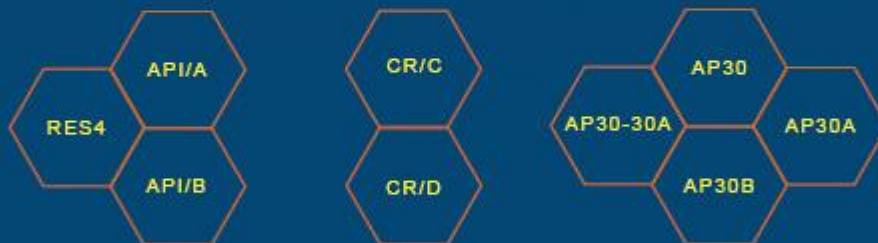
International
Frequency
Information
Circular
(Space Services)

Contents of the BR IFIC

Browse the Contents by Parts



Browse the Contents by Special Sections



Print

CR
Circular Letters

BR Soft

Search

Help

Exit



عربي

中文

Español

Français

Русский

1



International
Telecommunication
Union

BR IFIC 2678 / 21.09.2010

BRIFIC

International
Frequency
Information
Circular
(Space Services)

Draft CR/D, AP30*D

CR/D Draft

AP30*/E
Part D Draft

AP30-30A/F/D
Draft

1



English

عربي

中文

Español

Français

Русский

BR IFIC 2678

List of SpaceCom DRAFT databases files for AP30* PartD Special Sections

The Bureau requests notifying administrations responsible for the satellite networks listed below to kindly inform it of any additional comments under provisions § 4.1.1 a) to e) and 4.2.3 a) to f) of Appendix 30 and under provisions § 4.1.1 a) to d) and 4.2.2 a) to c) of Appendix 30A received from potentially affected administrations, by updating accordingly the SpaceCom database located in the **BR IFIC 2678 CD-ROM/Data/SpaceCom_data** folder using the SpaceCom software application and return it to the Bureau by electronic mail (brmail@itu.int).

The information contained in the SpaceCom draft databases may be viewed by using the 'Viewer' module of the SpaceCom software package.

For more information see Circular Letters CR/185 of 20 December 2002, CR/193 of 23 May 2003 and CR/269 of 27 March 2007.

SpaceCom files for AP30* Part D Special Sections

ADM	Sat_Name	Comments on Special Section Reference	Mod	BR IFIC No / Date	SpaceCom_database File name
I	INTERACT	AP30/E/512 Part A		2668/04.05.2010	PLAN-IFIC2668_BR_AP30E512.mdb
G	USAT-S4 MOD-A	AP30-30A/E/492 Part A		2656/03.11.2009	PLAN-IFIC2656_BR_AP3030AE492.mdb
G	USAT-S4 MOD-B	AP30-30A/E/511 Part A		2668/04.05.2010	PLAN-IFIC2668_BR_AP3030AE511.mdb

1

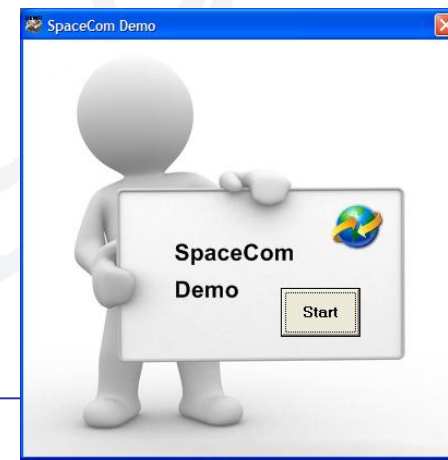
Annex Exercise II explanation step by step the notifying Administration validates the draft list of potentially affected administrations

- In Exercise II you can find
PLAN-IFIC2604_BR_AP3030AE999.mdb
SpaceCom draft file as if extracted
from the CD-ROM BR IFIC 2604 -
\\Data\SpaceCom_data\draft_AP30D\




copy it to your local drive as for example
C:/SpaceCom/PLAN-IFIC2604_BR_AP3030AE999.mdb

- Launch SpaceCom DEMO 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

1

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



Login



Enter your Administration code / network org.

1



/



2

OK

Cancel

Who are you ?

Potentially affected Administration (Commenting on a Part A)

1

Operator



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

Before proceeding with the publication of the information in a Special Section of the Part 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 Part D database using the SpaceCom software and return it to the Bureau by electronic mail (brmail@itu.int).

2

Next...



Aff. ADM

Not. ADM



Draft validation



Send to BR



View draft

Validate draft Part D received from the BR

1. Input information to validate your draft Part D

BR IFIC No. / Date 2604 / 02.10.2007

PartA AP30/E 999

Draft Part D file location C:\SpaceCom_Comments_Demo\PLAN_comments\IFIC2604\NotADM\Draft\PLAN-IFIC2604_NOT_AP30E999.mdt

3

Get draft Part D...

2. Select a draft Part D to validate and click 'Validate...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Validation completion	Validation last update
▶	10755299€	AP30/E/999			POR		POR-SAT	-20.00	✓	26.11.2010 16:27:25

4

5

Validate... ▶

Aff. ADM

Not. ADM



Draft validation



Send to BR



View draft

Validate draft Part D received from the BR

3

Part A Special Section information

Notice Id.	Special Section	Adm./ntwk. org.	Satellite network	Orb. pos.	Comments completed <input checked="" type="checkbox"/>
107552999	AP30/E/999	POR	POR-SAT	-20.00	26.11.2010

1. Enter your decision on receivability

	Provision	Examined notice	To be protected	Identified by BR or added by affected Adm.	Complete comments	Administration comments	Remarks
	A30#4.1.1B	Planned BSS	Planned BSS (Art....	ALG	<input checked="" type="checkbox"/>	a3) disagreement to the proposed assignments	
		Planned BSS	Planned BSS (Art....	DNK	<input checked="" type="checkbox"/>	a3) disagreement to the proposed assignments	
		Planned BSS	Planned BSS (Art....	SUI	<input checked="" type="checkbox"/>	a3) disagreement to the proposed assignments	
	▶ A30#4.1.1D	Planned BSS	Terrestrial	HOL	<input type="checkbox"/>	c1) agreement through Notif. Adm.	
		Planned BSS	Terrestrial	F	<input type="checkbox"/>	c2) no agreement to be obtained	

1 control of comments received by BR and by Administration responsible

4

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

Select a new draft Part D...

Save

 Check Validation completed

Create report

2

ITU BR

Aff. ADM
Not. ADM



ITU BR

Send draft Part D validated database to BR

BR IFIC No. / Date  2604 / 02.10.2007

Validation file location C:\SpaceCom_Comments_Demo\PLAN_comments\IFIC2604\NotADM\Draft\PLAN-IFIC2604_NOT_AP30E9...

1

2


3


4

1. Validate file before sending

Validation OK

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.

5 - if Validation OK

- After receipt of the SpaceCom draft database validated by the notifying Administration,
- BR is analyzing the validation and is publishing the Special Section AP30*/E/ Part D in a BR IFIC

