

Commenting on AP30\* Special Sections with SpaceCom software

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### What is SpaceCom software?



An application



to assist Administrations

in the management of their objections (comments)

Regulatory provisions for commenting (Planned services):

§ 4.1.9 or 4.2.13 of Article 4 of Appendices 30 and 30A

§ 6.10 of Article 6 of Appendix 30B

### 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: under: AP30#4.1.1D RR 9.7
AP30#4.2.3D 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:



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







### SpaceCom v7 - Setup





## From BR IFIC (space services) DVD ROM: \\BR\_soft\SpaceCom\Setup.exe

or

http://www.itu.int/ITU-R/go/space-software-capture-systemfor-comments-on-special-sections/en

### Installation of SpaceCom DEMO



For demonstration or trying/testing

please run

SpaceComDemo.exe





http://www.itu.int/ITU-R/go/space-software-capture-system-for-comments-on-special-sections/en

Or Copy SpaceComDemo.exe in C:\BR\_SOFT\SpaceCom\_v7\





#### SpaceCom – Plan services

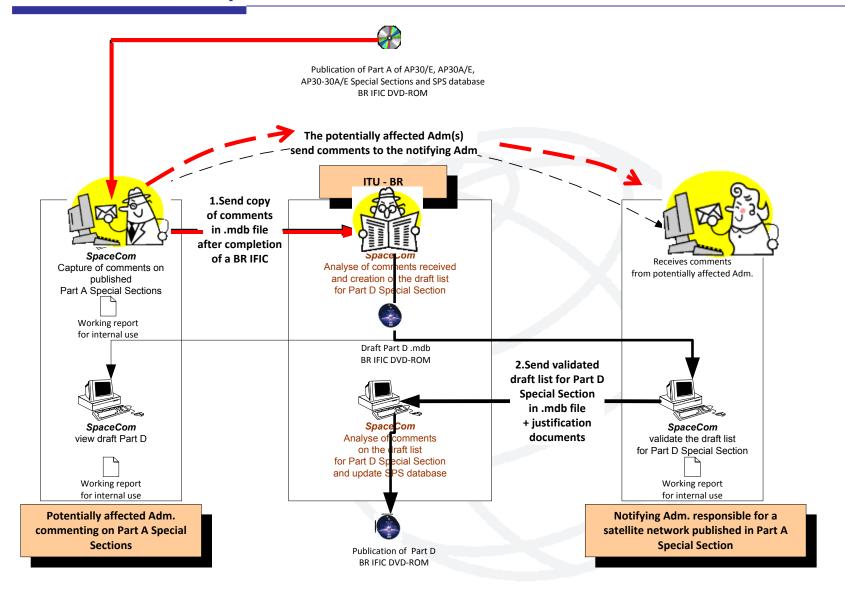
## **Exercise I: the affected Administration** captures its comments on a BR IFIC

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



## Exercise I: the affected Administration captures its comments on BR IFIC 2721





### Exercise I: you are the Administration "VEN" | commenting on AP30\*/E Part A Special Sections published in the BR IFIC 2721 / 12.06.2012



- 1. Open SpaceCom demo software and click "AP30\*/E Part A"
- 2. Select the Administration code: "VEN"
- 3. Select "Potentially Affected Administration (Comment a Part A)" Note: EXERCISE DATA IN FOLDER \Exercise 1:

#### In "Comment":

- 1. Input Part A BR IFIC number: 2721
- 2. Connect to the BR IFIC database from Exercise 1 folder: SPS\_ALL\_IFIC2721.mdb Note: for real cases, the SPS database is posted in a BR IFIC DVD ROM
- 3. Click "Get list of Part A" / select "B-SAT-3A-2" satellite network
- 4. Click "Comment Part A..."

Your analysis of the published satellite network identified same unacceptable interference caused on your networks under: A30#4.2.2C and A30A#4.2.3C

- 5. Input your comments accordingly (in this case disagreement for both identifications)
- 6. Check "comments completed" when finished and click on "Select a new Part A"

#### In "Validate/Send":

• 1. Enter BR IFIC no. (2721) / Browse Comments file location (below) / Click "File validation" C:\SpaceCom\_Comments\_Demo\Plan\_comments\IFIC2721\AffADM\PLAN-IFIC2721\_VEN.mdb

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



## Exercise I: the affected Administration captures its comments on BR IFIC 2721



#### **Solution**

User status: Affected Administration ; User code: VEN

BR IFIC: 2721

Report on the status of all your comments.

(Paper version is not receivable by BR, please submit .mdb file only)

AP30-30A/E589; B; B-SAT-3A-2; (orb. pos.:-44.9)

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

Explanation Step by step of this exercise in annex below

### Possible comments



- Agreement to the proposed assignments
- Disagreement to the proposed assignments
- Wants to be added: addition under A30/30A#4.1.7 or A30/30A#4.2.10

An Administration which considers that it should have been identified shall request the Bureau to include its name in the publication  $\rightarrow$  giving the technical reasons for so doing

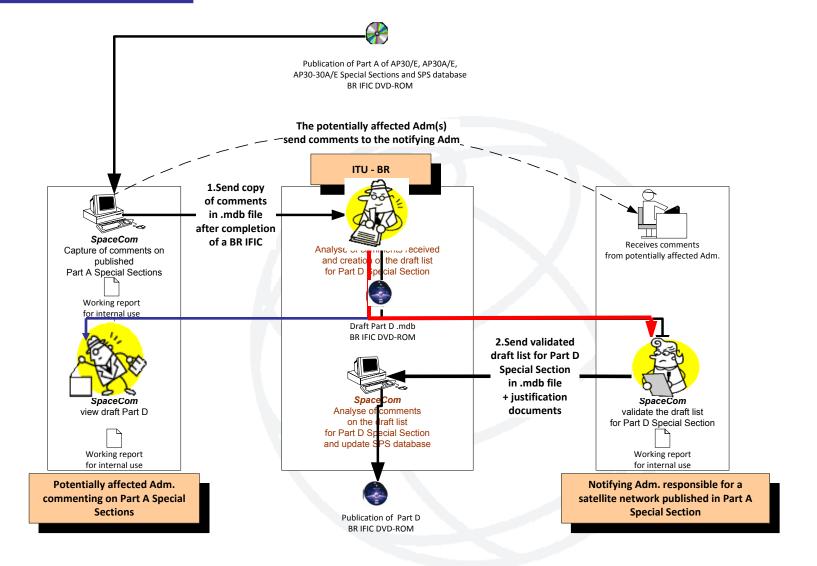
 RR23.13 B/C: reduction of radiation over the territory of other administrations

Request to exclude a territory from the coverage/service area



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









- 1. Open SpaceCom demo software / click "AP30\*/E Part A"
- 2. Select the Administration code: "B"
- 3. Select "Notifying Administration (Confirms a draft Part D sent by the BR)"

  Note: EXERCISE DATA IN FOLDER \Exercise 2:

#### In "Draft Wizard":

• 1. Connect to the draft database in Exercise 2 folder and press OK: PLAN-IFIC2721 BR AP3030AE589.mdb

Note: for real cases, the draft file is posted in a BR IFIC DVD ROM and location is indicated in a Bureau's telefax to the notifying Administration

- 2. Satellite network appears with "Comment completion"
- 3. Select <u>B-SAT-3A-2</u> satellite network / Click "Validate..."

You have received same comments as the Bureau from the Administrations of "ALG", "CHN", "VEN" within the four-month period.

Agreement was received from Administration of "CAN" not copied to BR.

4. Input your validation and check "comments completed" when finished.

#### In "Send to BR":

1. Enter BR IFIC no. / Browse Validation file location / Click "File validation"

Your validation is ready and *could* be sent to the Bureau for AP30-30A/E/589 Part D publication!

C:\SpaceCom\_Comments\_Demo\Plan\_comments\IFIC2721\NotADM\Draft\
PLAN-IFIC2721\_NOT\_AP3030AE589.mdb



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



#### Solution

#### Report on validation done by the notifying Administration B on draft SpaceCom database

BR IFIC: 2721; Special Section: AP30-30A/E/589; Adm./ntwk.org.: B; Sat. ntwk: B-SAT-3A-2; Orb. pos.: -44.90;

Brillio. 2721, opecial occion. 74							
Provision	Examined notice	To be protected	Link	Identified by BR or	Administration comments	Receivability	
				added by Aff.		of the	
				Adm.		comments	
A30#4.2.3C	Planned BSS	Planned BSS (PLAN or Art.4)	DN	ALG	a3) disagreement to the proposed assignments	True	
				CHN	a3) disagreement to the proposed assignments	True	
				VEN	a3) disagreement to the proposed assignments	True	
				CAN	c1) agreement through Notif. Adm.	False	
	Planned feeder link in FSS	Planned feeder link in FSS (PLAN or Art.4)	UP	ALG	a3) disagreement to the proposed assignments	True	
				CHN	a3) disagreement to the proposed assignments	True	
				VEN	a3) disagreement to the proposed assignments	True	
				CAN	c1) agreement through Notif. Adm.	False	

Explanation Step by step of this exercise in annex below



## SpaceCom Tools





Merge in-house users



Merge operators



Reports



Definition of default path



Automatic Web update

### Further information on SpaceCom



A USER MANUAL is distributed with the software package

http://www.itu.int/ITU-R/go/space-software-capture-system-for-comments-on-special-sections/en

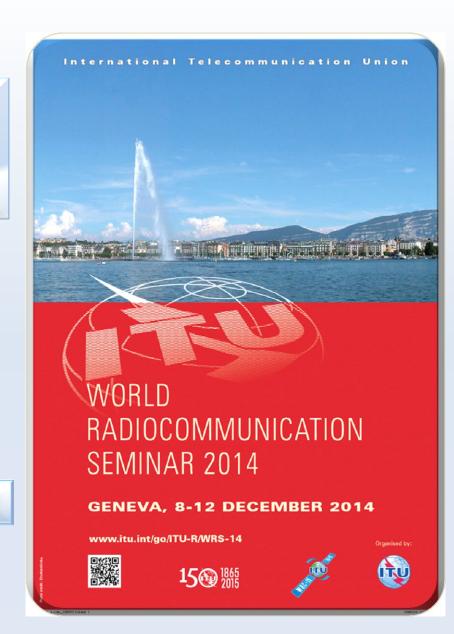
**Contact SpaceCom:** 

BR\_SpaceCom\_support@itu.int



### Any question?

E-mail: alvaro.devega@itu.int



## Annex Exercise I explanation step by step the affected Administration captures its comments on a BR IFIC



 Copy from Exercise I folder: SPS\_ALL\_IFIC2721.mdb to your local drive. For example: C:/BR IFIC/SPS\_ALL\_IFIC2721.mdb

Note: for real cases, the SPS database is posted in a BR IFIC DVD ROM

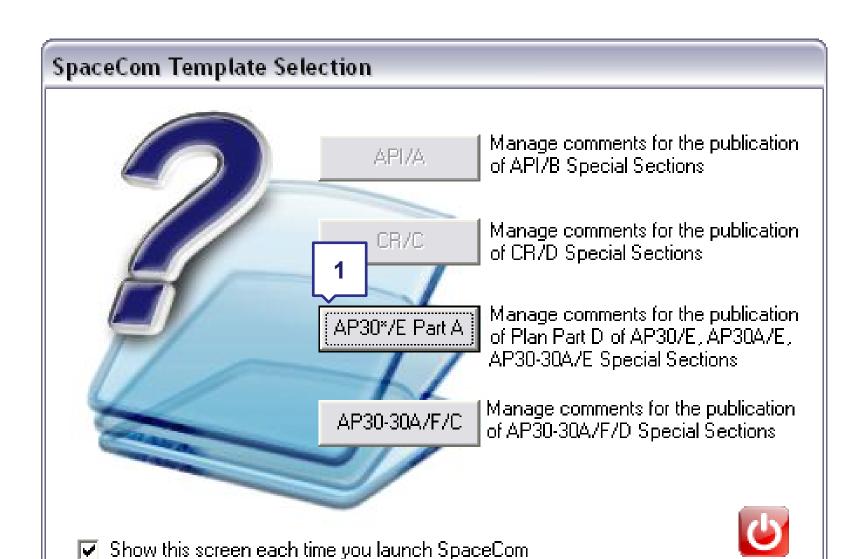


Run SpaceComDemo.exe

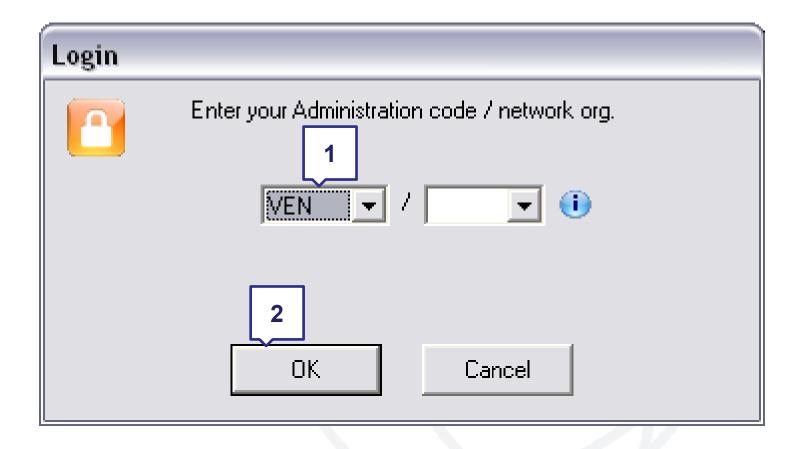












### Who are you?

- Keeping operator
  blank for
  comments for BR
- Potentially affected Administration (Commenting on a Part A)
- Notifying Administration (Confirming a draft Part D database sent by the BR).

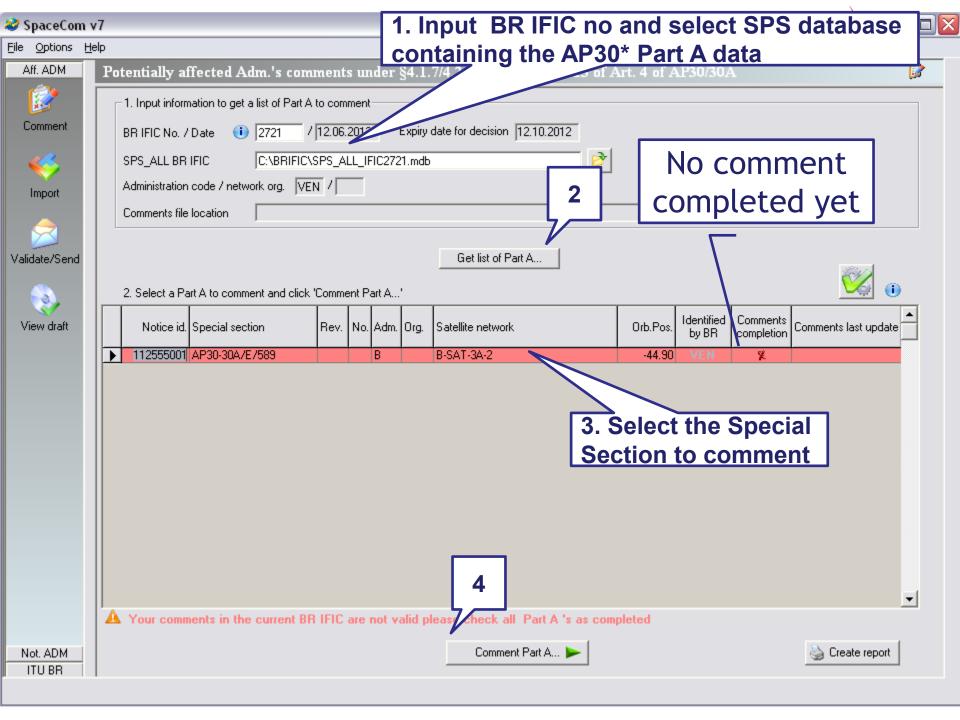
An administration willing to express its disagreement to the proposed assignments submitted under Article 4 of Apeendices 30 and 30A, shall notify its disagreement within four-months from the date of publication of the BR IFIC of the corresponding Part A of AP30/E, AP30A/E or AP30-30A/E Special Sections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

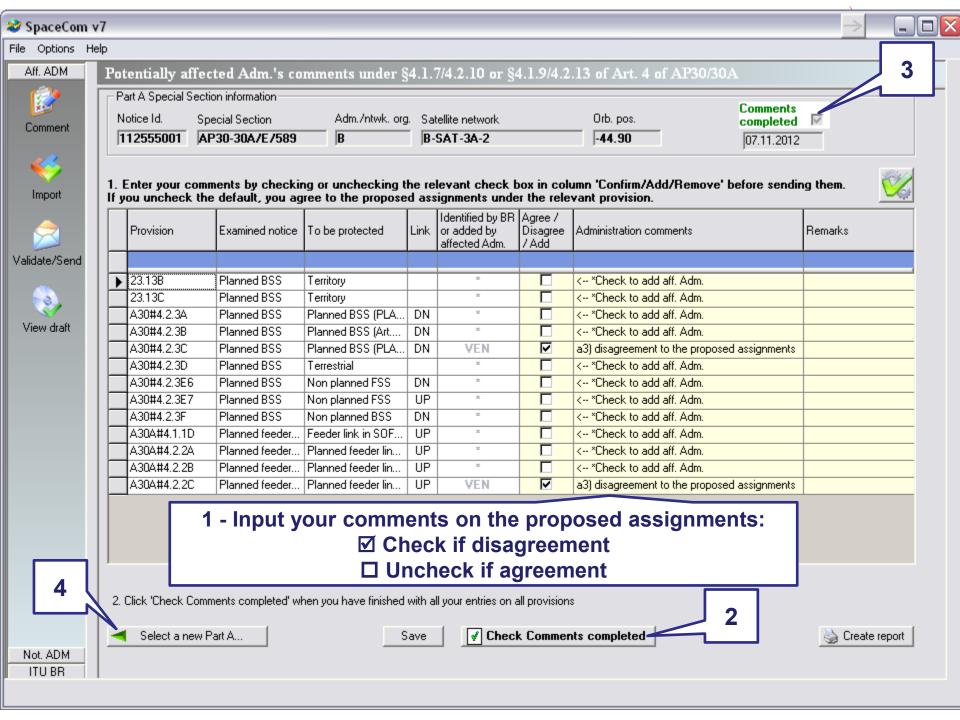
According to the same provisions, an administration that has not notified its comments either to the administration seeking agreement or to the Bureau within the above-mentioned regulatory period shall be deemed to have agreed to the proposed assignment.

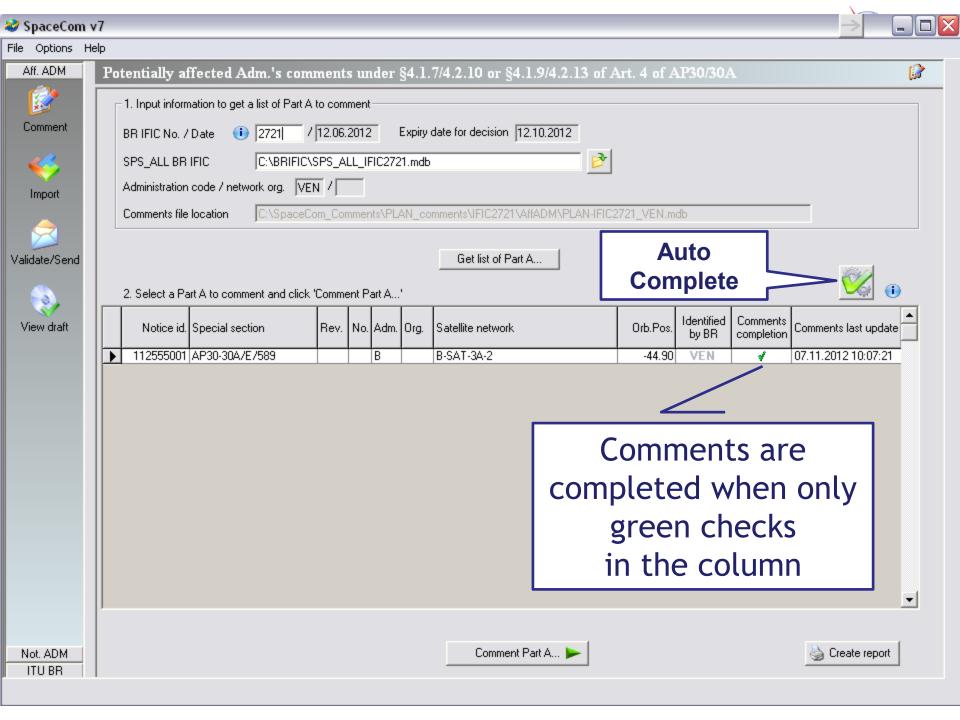
Copy of the comments is to be sent electronically to the following Radiocommunication Bureau a : brmail@itu.int

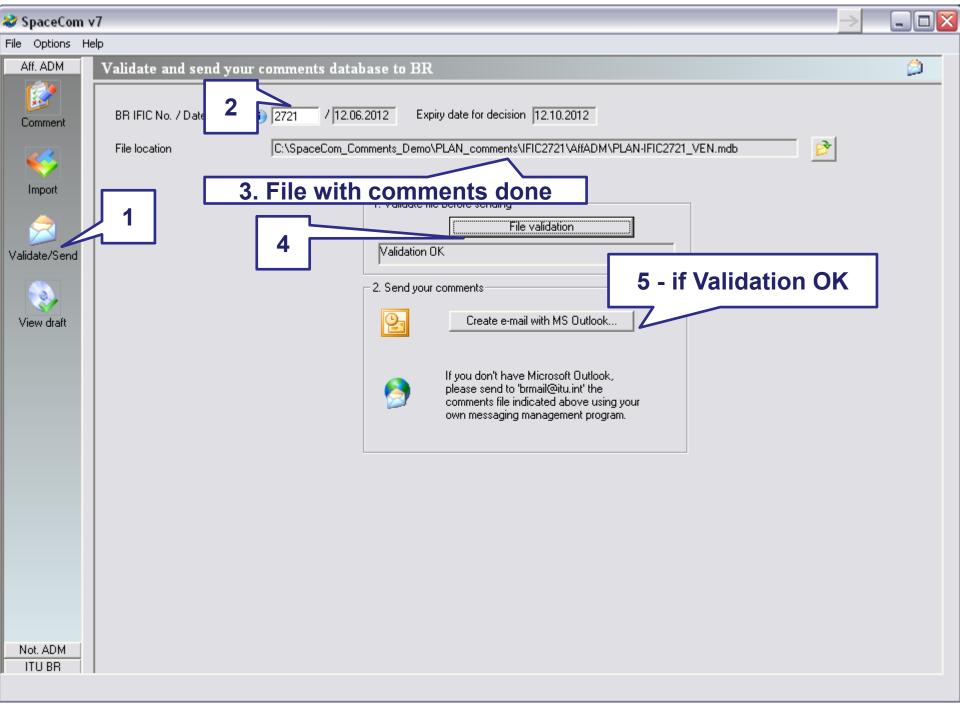
Next...











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



User status: Affected Administration ; User code: VEN

BR IFIC: 2721

Report on the status of all your comments.

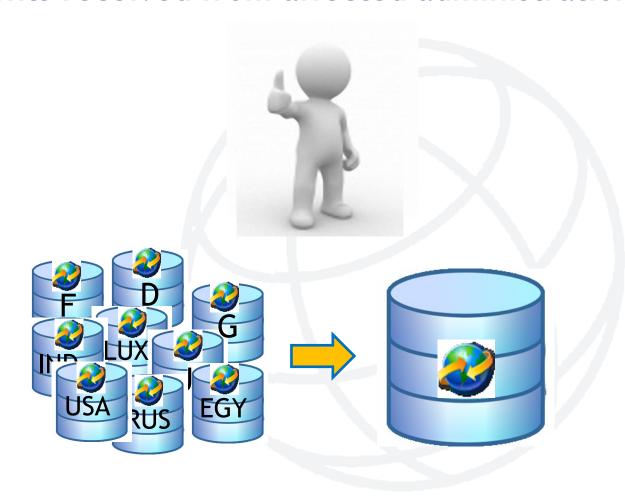
(Paper version is not receivable by BR, please submit .mdb file only)

AP30-30A/E589; B; B-SAT-3A-2; (orb. pos.:-44.9)

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



## After 4 months of commenting period, BR is merging all comments received from affected administrations





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







#### List of SpaceCom DRAFT databases files for AP30\*/E Part D 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 using the SpaceCom software application and return it to the Bureau by electronic mail (<a href="mail@itu.int">brmail@itu.int</a>).

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.

1

Open the list of SpaceCom files

#### BR IFIC 2725 / 07.08.2012

DVD-ROM\Databases\SpaceCom\draft AP30D

ADM	Sat_name	Comments on Special Section Reference	Mod	BR IFIC no / Date	SpaceCom_database File name
В	B-SAT-3A-2	AP30-30A/E/589 Part A		2721 / 12.06.2012	PLAN-IFIC2721_BR_AP3030A589.mdb

2. The draft SpaceCom of B-SAT-3A-2 satellite network could be available for validation by the notifying Administration in the BR IFIC 2725 DVD ROM. This is only an example for the exercise.

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

I. Copy from Exercise II folder PLAN-IFIC2721\_BR\_AP3030AE589.mdb

Note: for real cases, the draft file is posted in a BR IFIC DVD ROM and location is indicated in a Bureau's telefax to the notifying Administration

to your local drive as for example C:/BRIFIC/PLAN-IFIC2721\_BR\_AP3030AE589.mdb

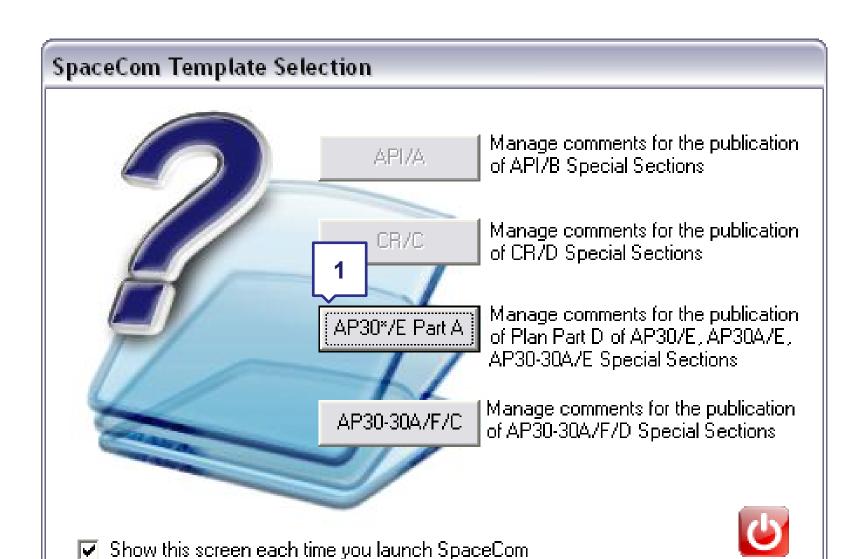
II. Run SpaceComDemo.exe



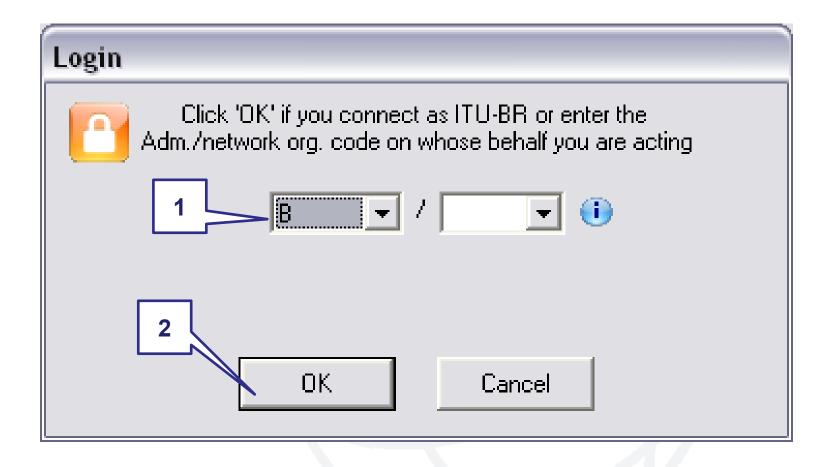










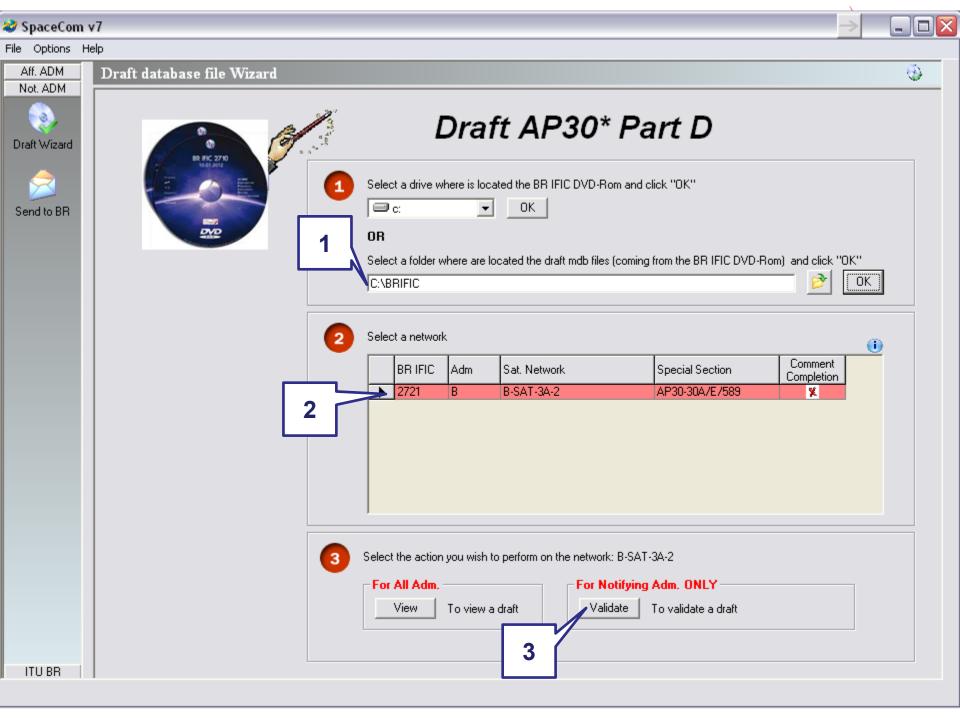


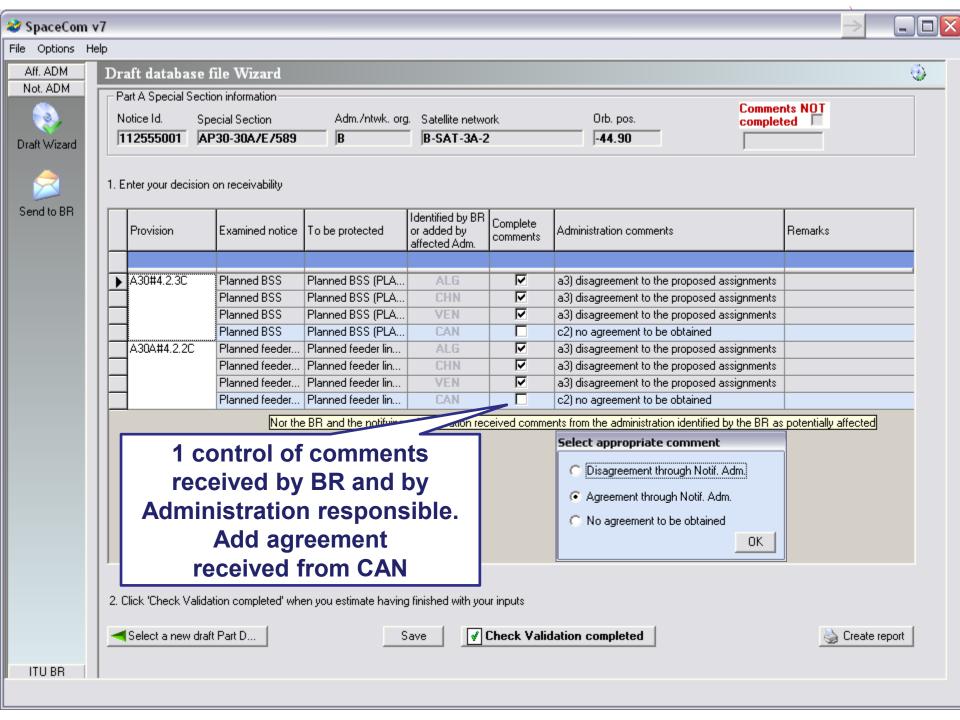


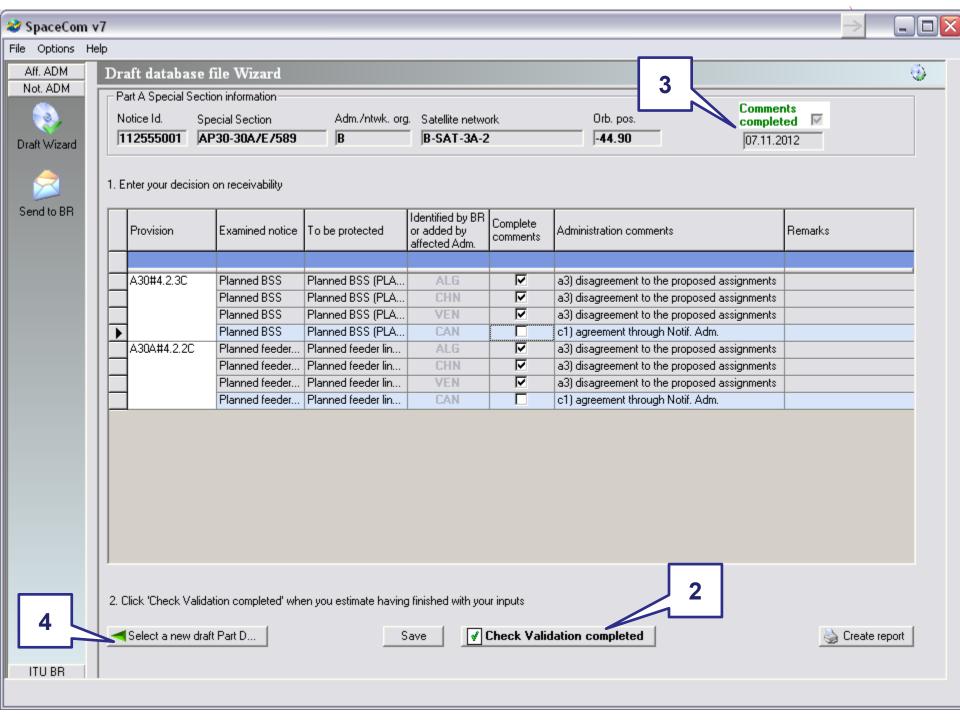
## Who are you? Potentially affected Administration (Commenting on a Part A). Operator Notifying Administration (Confirming a draft Part D database sent by the BR) Before proceeding with the publication of the information in a Special Section of the Part D series, the Bureau request your Administration 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).

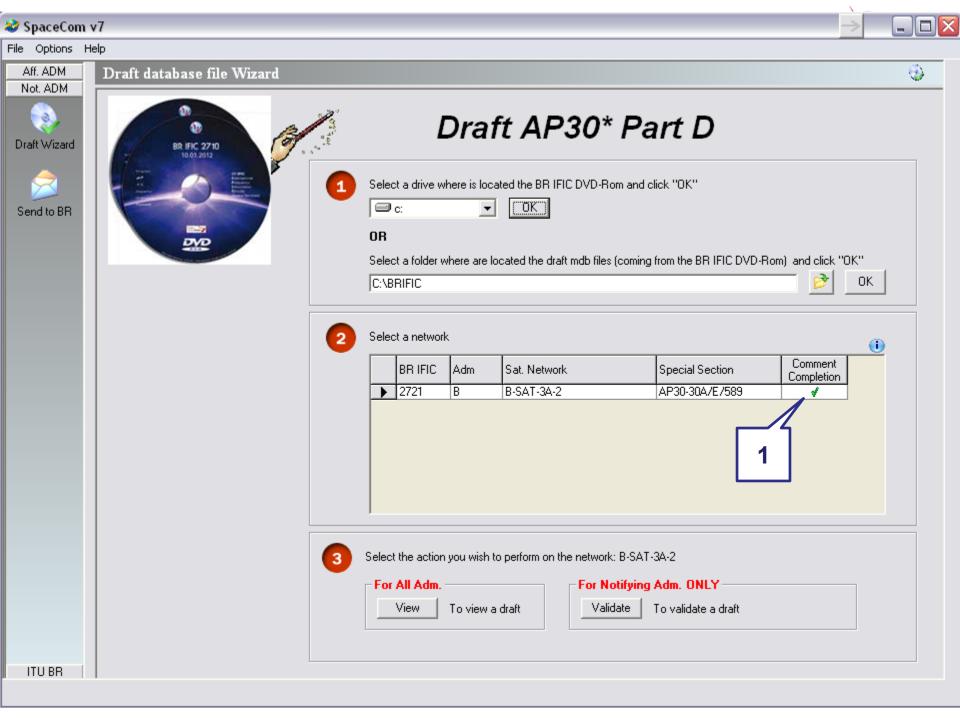
Next...

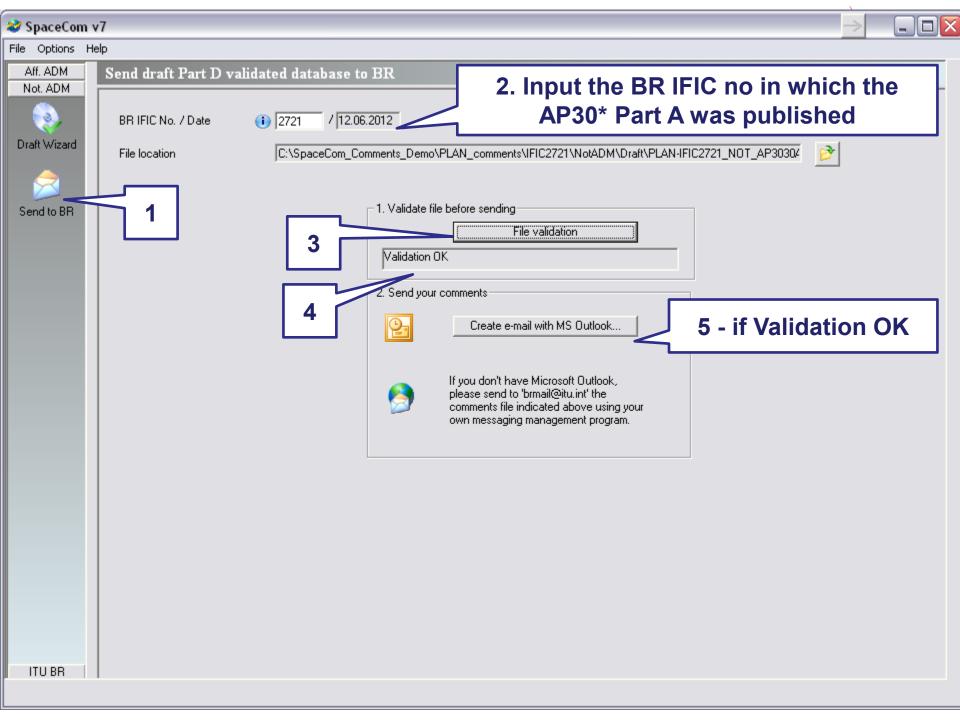
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## Sample of report in case the notifying Administration received agreement from CAN



#### and same comments as BR for ALG, CHN and VEN

#### Solution

#### Report on validation done by the notifying Administration B on draft SpaceCom database

BR IFIC: 2721; Special Section: AP30-30A/E/589; Adm./ntwk.org.: B; Sat. ntwk: B-SAT-3A-2; Orb. pos.: -44.90;

Provision	Examined notice	To be protected	Link	Identified by BR or	Administration comments	Receivability
1100131011	Examined fields	10 be protected	Link	added by Aff.	Administration	of the comments
A30#4.2.3C	Planned BSS	Planned BSS (PLAN or Art.4)	DN	ALG	a3) disagreement to the proposed assignments	True
				CHN	a3) disagreement to the proposed assignments	True
				VEN	a3) disagreement to the proposed assignments	True
				CAN	c1) agreement through Notif. Adm.	False
A30A#4.2.2C	Planned feeder link in FSS	Planned feeder link in FSS (PLAN or Art.4)	UP	ALG	a3) disagreement to the proposed assignments	True
				CHN	a3) disagreement to the proposed assignments	True
				VEN	a3) disagreement to the proposed assignments	True
				CAN	cl) agreement through Notif. Adm.	False



 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 coming BR IFIC

