



Space Plans Commenting on AP30/30A Special Sections with SpaceCom software

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Publications subject to comments with SpaceCom





Publications subject to comments without SpaceCom







Possible comments with SpaceCom



- 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
 giving the technical reasons for so doing

RR 23.13B:

- Only valid within 4 months period
- Request for reduction of radiation over the territory of the objecting administration

RR 23.13C:

- Only valid outside 4 months period
- Request for exclusion of the territory of the objecting administration from the service area of the proposed assignments



Installation of SpaceCom DEMO





Install_SpaceComDemo.exe can be found under:

[USB drive]:\Space_Workshops_(14-16-Dec)\11-SpaceCom\06 SpaceCom Demo Application



Exercises with SpaceCom



Exercise 1: Potentially affected administration captures comments with SpaceCom

- a) With regard to Special Sections related to BSS (Art.4 of AP30/30A)
- b) With regard to Special Sections related to SOF (Art.2A of AP30/30A)

Exercise 2: Notifying administration validates a draft list of affected administrations







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Exercise 1: Potentially affected administration captures comments with SpaceCom

1.

3.



Special Sections related to BSS (Art.4 of AP30/30A)

- Open SpaceCom and click "Start" 1.
- Select "AP30-30A/E Part A" 2.
- Select Adm code: "E" / " " 3.
- Select "Potentially affected Administration" 4. and click "Next"
- 5. Introduce:
 - 1. BR IFIC No: 2836
 - 2. SPS ALL BR IFIC:

[USB drive]:\Space_Workshops_(14-16-Dec)\11-SpaceCom\04 AP30_30A\Exercise 1

- Click on "Get list of Part A" 1.
- Select "B-SAT-3B-1" and click "Comment Part 2. Δ"
 - 1. Check that "disagreement" is selected
 - 2. Click "Check Comments Completed"
 - 3. Click "Select a new Part A"
- Click auto-check 🔀 (complete comments 3. when you are not identified)
- Click on "Validate/Send" 4.
 - 1. BR IFIC No: 2836
 - 2. File location: Click 🖻 and PLAN-IFIC2836 E.mdb
- Click on "File Validation" and view the report 5.

Special Sections related to SOF b (Art.2A of AP30/30A)



- Select "AP30-30A/F/C" 2.
- 3. Select Adm code: "E" / " "
- 4. Select "Potentially affected Administration" and click "Next"

5. Introduce:

- 1. BR IFIC No: 2836
- 2. SPS ALL BR IFIC:

[USB drive]:\Space_Workshops_(14-16-Dec)\11-SpaceCom\04 AP30_30A\Exercise 1

- Click on "Get list of Part A" 1.
- Select "B-SAT-3H TTC" and click "Comment 2. AP30-30A/F/C"
 - 1. Check that "disagreement" is selected for all groups
 - 2. Click "Check Comments Completed"
 - 3. Click "Select a new AP30-30A/F/C"
 - Click on "Validate/Send"



- 1. BR IFIC No: 2836
- 2. File location: Click 🔗 and SOF-IFIC2836 E.mdb
- Click on "File Validation" and view the report 4.





a Special Sections related to BSS (Art.4 of AP30/30A)

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

AP30-30A/E/709 ; USA ; USABSS-41 ; (orb. pos.:-109.9)

Provision	Disagreement to the proposed assignments	Agreement to the proposed assignments	Wants to be Added	COMMENTS COMPLETED
	not involved	not involved	not involved	

AP30-30A/E/720 ; B ; B-SAT-3B-1 ; (orb. pos.:-74)

proposed assignments proposed assignments	COMMENTS COMPLETED	Wants to be Added	Agreement to the	Disagreement to the	Provision
	 		proposed assignments	proposed assignments	
A30#4.2.3E6 E				E	A30#4.2.3E6

Special Sections related to SOF (Art.2A of AP30/30A)

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

AP30-30A/F/C/66 ; B ; B-SAT-3H TTC ; (orb. pos.:-64.2)

Provision	Coordination requested	Coordination rejected	Added in coordination	COMMENTS COMPLETED
A30#4.2.3D	E, E/CNR			



Where to find the SpaceCom files:

C:\SpaceCom_Comments\PLAN_comments\IFIC2836\AffADM\PLAN-IFIC2836_E.mdb C:\SpaceCom_Comments\SOF_comments\IFIC2836\AffADM\SOF-IFIC2836_E.mdb





Thank you for your attention!



Any question?

alvarode.vega@itu.int



Annex: Exercise 1a Step-by-step











Who are you ?

Potentially affected Administration (Commenting on a Part A)
 Operator

🔘 Notifying Administration (Confirming a draft Part D database sent by the bin j

An administration willing to express its disagreement to the proposed assignments submitted under Article 4 of Appendices 30 and 30A related to Region 2, shall notify its disagreement within four-months from the date of publication of the BR IFIC of the corresponding Special Section AP30-30A/E (Part A) referred to in § 4.2.8 plus any extension afforded under § 4.2.14.

An administration that has not notified its comments under § 4.2.10/4.2.13 of Article 4 of Appendices 30 and 30A 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

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💐 SpaceCom v	1. Input BR IFIC no and select SPS database								
File Options	Help containing the AP30* Part A data								
Aff. ADM	Potentially affected Adm.'s comments under §4.2 10 art.4 of AP30/30A								
1	1. Input information to get a list of Part A to comme								
Comment	BR IFIC No. / Date 🕕 2836 / 10/01/2017 Expiry date for decision 10/05/2017 🕈 BR IFIC not yet								
<<≤									
Import	Administration code / network org. E /								
	Comments file location C:\SpaceCom_Comments\PLAN_comments\IFIC2836\AffADIC2836COTTIPICCCCCYCC								
Validate /Cond	Get list of Batt A								
Validate/Serid									
	2. Select a Part A to comment and click 'Comment Part A'								
View draft	Notice id. Special section Rev. No. Adm. Org. Satellite network Orb.Pos. Identified by BR completion Comments last update								
	115555002 AP30-30A/E/709 USA USABSS-41 -109.90 ¥								
	2. Coloct the Creation								
	3. Select the Special								
	Section to comment								
	4								
	A Your comments in the current BR IFIC are not valid please checkers A 's as completed								
Not. ADM	Comment Part A 🕨								
I IIUBK									

🍪 SpaceCom v8										
File Options	Help									
Aff. ADM	Pot	entially aff	ected Adm.'s co	mments under §	4.2.	10 or §4.2.13	of	Art.4	4 of AP30/30A	3
(?)	_ P ∂	art A Special Se	ction information							
	N	otice Id. 9	opecial Section	Adm./ntwk. orc	1. Sa	tellite network			Orb. pos. completed	
Comment	1	15555005	AP30-30A/E/720	B	B	SAT-3B-1			- 74.00 18/11/2016	6
\$,	
Import	1. E If y	Enter your coi ou uncheck t	nments by checkir he default, you ag	ng or unchecking t ree to the propose	he re d as:	levant check b signments unde	iox ir th	in col le rele	umn 'Confirm/Add/Remove' before sendir vant provision.	ng them. 🥳
		Provision	Examined notice	To be protected	Link	Identified by BR or added by affected Adm.	Ag Dis 7 A	ree / :agree .dd	Administration comments	Remarks
Validate/Send										
		23.13B	Planned BSS	Territory		×			< *Check to add aff. Adm.	
	ļ į –	23.13C	Planned BSS	Territory		*			< *Check to add aff. Adm.	
		A30#4.2.3A	Planned BSS	Planned BSS (PLA	DN	×			< *Check to add aff. Adm.	
View draft		A30#4.2.3B	Planned BSS	Planned BSS (Art	DN	×			< *Check to add aff. Adm.	
		A30#4.2.3C	Planned BSS	Planned BSS (PLA	DN	×			< *Check to add aff. Adm.	
		A30#4.2.3D	Planned BSS	Terrestrial		x			< *Check to add aff. Adm.	
		A30#4.2.3E6	Planned BSS	Non planned FSS	DN	E			a3) disagreement to the proposed assignments	
		A30#4.2.3E7	Planned BSS	Non planned FSS	UP	*			< *Check to add aff. Adm.	
		A30#4.2.3F	Planned BSS	Non planned BSS	DN	*			< *Check to add aff. Adm.	
		A30A#4.1.1D	Planned feeder	Feeder link in SOF	UP	×			< *Check to add aff. Adm.	
		A30A#4.2.2A	Planned feeder	Planned feeder lin	UP	×			< *Check to add aff. Adm.	
		A30A#4.2.2B	Planned feeder	Planned feeder lin	UP	×			< *Check to add aff. Adm.	
		A30A#4.2.2C	Planned feeder	Planned feeder lin	UP	×			< *Check to add aff. Adm.	
4 Not. ADM ITU BR	2.1	Click 'Check Co Select a new	1 - Input y	our comme Ch Ur hen you have finished S	ent iec nch with a	s on the k if disag eck if ag Il your entries on a Check	p gra jre	rop een een ovision	osed assignments: nent s s ts completed	Create report

🤣 SpaceCom v8	v v8										
File Options	s Help										
Aff. ADM	Potentially affected Adm.'s comments under §4.2.10 or §4.2.13 of Art.4 of AP30/30A										
1	1. Input information to get a list of Part A to comment										
Comment	BR IFIC No. / Date (1) 2836 / 10/01/2017 Expiry date for decision 10/05/2017 SBR IFIC not yet published										
~	SPS_ALL BR IFIC M:\BRSSD\SNP\SNP-AII\STAFF\DEVEGA\SPS_ALL_IFIC2836.m										
Import	Administration code / network org. E /										
<u> </u>	Comments file location C:\SpaceCom_Comments\PLAN_comments\IFIC2836\AffADM\PLAN-IFIC2836_E.mdb										
	Δυτο										
Validate/Send	Liet list of Part A										
	2. Select a Part A to comment and click 'Comment Part A'										
View draft	Notice id. Special section Rev. No. Adm. Org. Satellite network	Orb.Pos. Identified Comments Comments last update									
	▶ 115555002 AP30-30A/E/709 USA USABSS-41	-109.90									
		Comments are ompleted when only green checks in the column									
Not. ADM ITU BR	Comment Part A 🕨	Create report									





Annex: Exercise 1b Step-by-step











Who are you ?

- Potentially affected Administration (Commenting on a AP30-30A/F/0 Operator
- Notifying Administration (Confirming a draft AP30-30A/F/D database the BR)

An administration willing to express its disagreement to the proposed assignments submitted under Article 2A of Appendix 30 related to Region 2, shall notify its disagreement within four-months from the date of publication of the BR IFIC of the corresponding AP30-30A/F/C Special Section referred to in §4.2.8 plus any extension afforded under §4.2.14.

An administration that has not notified its comments under § 4.2.10/4.2.13 of Article 4 of Appendix 30 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

🤣 SpaceCom v	1. Input BR IFIC no and select SPS database	×
File Options	Help containing the AP30* Part A data	
Aff. ADM	Potentially affected Administration's comments in a contract of Appendix 30	
1	1. Input information to get a list of AP30-30A/F/C(s)	
Comment	BR IFIC No. / Date 🕕 2836 710/01/2017 Expiry date for decision 10/05/2017 Set Units of the set of	
\$	SPS_ALL BR IFIC M:\BRSSD\SNP\SNP-AII\STAFF\DEVEGA\SPS_ALL_IFIC2836.m Mocomment	
Import	Administration code / network org. E / 2 completed vet	
	Comments file location	
Validate/Send	Get list of AP30-30A/F/C(s)	
	2. Select a AP30-30A/F/C to comment and click 'Comment AP30-30A/F/C'	
View draft	Notice id. Special section Rev. No. Adm. Org. Satellite network Orb.Pos. Identified by BR Comments ast update	
	▶ 11555600E AP30-30A/F/C/66 B B-SAT-3H TTC -64.20 E ¥	
	4 Your comments in the current BR IFIC are not valid please check all AP30-30A/F/C 's as completed	•
Not. ADM	Comment AP30-30A/F/C>	

💐 SpaceCom v8	;										
File Options	Help										
Aff. ADM	Po	tential	ly af	fected Adr	ninistratio	n's comm	ents in applic	ation of	Article 2A of Appendix 30		
E Comment		P30-30A	/F/C S P	Special Sectior rovision 30#4.2.3D	n information Special Sec AP30-30A	tion VF/C/66	Adm./ntwk	. org. Sati B-9	ellite network	Orb. pos. - 64.20	
\$	1.9	elect the Provision	e provi on	sion to comme Exam	nt iined notice	To be prot	ected Ident	ified Last (pdate Comments completed	3	
Import		A30#4.	.2.3D	SOF		Terrestrial	E	18/11	/2016		
2	2. If s	Enter y	our ce heck	omments by the default,	checking or you agree t	uncheckin o the propo	g the relevant (osed assignmen	check bo Its under I	s in column 'Confirm/Add/Remove' be he provision.	fore sending	them. 🔯
Validate/Send		Beam	Emi./ Rcp.	Group	Freq. min. (MHz)	Freq. max. (MHz)	Identified by BR or added by affected Adm.	Confirm / Add / Remove	Administration comments		Remarks
	$ \Gamma$										
) Gour death	∣∣⊾	BR1K	E	1016650	12200.000	12700.000	×		< *Check to add aff. Adm.		
view drart				1016651	1		×		< *Check to add aff. Adm.		
				1016652]		×		< *Check to add aff. Adm.		
				1016653]		×		< *Check to add aff. Adm.		
		GBL]	1016638]		×		< *Check to add aff. Adm.		
							E		a3) disagreement to the proposed assignme	nts	
							E/CNR		a3) disagreement to the proposed assignme	nts	
				1016639			*		< *Check to add aff. Adm.		
							E		a3) disagreement to the proposed assignme	nts	
							E/CNR		a3) disagreement to the proposed assignme	nts	
				1016640			×		< *Check to add aff. Adm.		
				1 - Inp	ut you	r com M C	ments or Check if o	the disag	proposed assignmen reement	ts:	
		-	1				Jncheck	if agr	eement		v
4	3.1	Click 'Ch	eck Co	omments comp	leted' when yo	u have finish	ed with all your en	tries on the	provision 2	Appl	y filter Clear filter
Not. ADM	≤	Sele	ect a n	ew AP30-30A/	/F/C	L	Save 🖌	Check C	omments completed		🍓 Create report

🥹 SpaceCom v8		•
Aff ADM	Help Retentielly effected Administration's comments in explication of Article 2A of Appendix 20	()
	1. Input information to get a list of AP30-30A/F/C(s) to comment	دن
Comment	BR IFIC No. / Date 🕕 2836 / 10/01/2017 Expiry date for decision 10/05/2017 Structure and the second	
🤹	SPS_ALL BR IFIC M:\BRSSD\SNP\SNP-AII\STAFF\DEVEGA\SPS_ALL_IFIC2836.m	
Import	Administration code / network org. E /	
-	Comments file location C:\SpaceCom_Comments\SDF_comments\IFIC2836\AffADM\SDF-IFIC2836_E.mdb	
Validate/Send	Get list of AP30-30A/F/C(s) Auto	
	2. Select a AP30-30A/F/C to comment and click 'Comment AP30-30A/F/C'	
View draft	Notice id. Special section Rev. No. Adm. Org. Satellite network Orb.Pos. Identified by BR Comments Comments last update	
	▶ 115556008 AP30-30A/F/C/66 B B-SAT-3H TTC -64.20 E 💉 18/11/2016 18:16:34	
	Comments are	
	completed when only	
	green checks	
	green checks	
	In the column	
		Ŧ
Not. ADM ITU BR	Comment AP30-30A/F/C ►	





Annex: Exercise 2: Notifying administration validates a draft list of affected administrations



- 1. You are Notifying Adm "USA" of AP30-30A/E/709 USABSS-41 satellite network.
- 2. After the 4 months commenting period, the draft Part D of this Special Section is published in a BR IFIC.
- 3. Your Administration realizes that it has received comments by correspondence from "MEX", but this administration is not included in the list of coordination requirements.
- 4. Your Administration wants to add "MEX" to the list of coordination requirements.
- 1. Open SpaceCom and click "Start"
- 2. Select "AP30-30A/E Part A"
- 3. Select Adm code: "USA" / " "
- 4. Select "Notifying Administration" and click "Next"
- 5. Introduce:
 - 1. PLAN-IFIC2836_BR_AP3030AE709.mdb: [USB drive]:\Space_Workshops_(14-16-Dec)\11-SpaceCom\04 AP30_30A\Exercise 2
- 6. Click on "OK" and then "Validate"
- 7. Select MEX box and click on "Disagreement through Notifying Administration"
- 8. Click on "Check validation completed" and "Select a new draft Part D"
- 9. Go to "Send to BR" and:
 - 1. BR IFIC No: 2836
 - 2. File location: Click 🖻 and PLAN-IFIC2836_NOT_AP3030AE709.mdb
- 10. Click on "File Validation" (the file is ready to be sent to the Bureau email <u>BRMail@itu.int</u>-)



Annex: Exercise 2 Step-by-step











Who are you ?







🤣 SpaceCom v8									
File Options	He	lp							
Aff. ADM	D	raft databa	se file Wizard					٠	
Not. ADM	Г	Part A Special S	Section information					· NOT	-
		Notice Id.	Special Section	Adm./ntwk. org). Satellite netwo	ork	Orb. pos. comple	ents NUT	
Draft Wizard		115555002	AP30-30A/E/709	USA	USABSS-41	l	-109.90		
_									
	1.	Enter your deci	ision on receivability						
Send to BR	$ _{\Gamma}$						1		
		Provision	Examined notice	To be protected	or added by affected Adm.	Complete comments	Administration comments	Remarks	
	11								
		A30#4.2.3C	Planned BSS	Planned BSS (PLA	CAN		a3) disagreement to the proposed assignments		

	Provision	Examined notice	To be protected	Identified by BR or added by affected Adm.	Complete comments	Administration comments	Remarks
	A30#4.2.3C	Planned BSS	Planned BSS (PLA	CAN		a3) disagreement to the proposed assignments	
]	Planned BSS	Planned BSS (PLA	G		a3) disagreement to the proposed assignments	
		Planned BSS	Planned BSS (PLA	HOL		a3) disagreement to the proposed assignments	
	A30#4.2.3E6	Planned BSS	Non planned FSS	CAN		a3) disagreement to the proposed assignments	
		Planned BSS	Non planned FSS	G		a3) disagreement to the proposed assignments	
		Planned BSS	Non planned FSS	В		c2) no agreement to be obtained	
►		Planned BSS	Non planned FSS	MEX		c2) no agreement to be obtained	
	A30A#4.2.2C	Planned feeder	Planned feeder lin	CAN		a3) disagreement to the proposed assignments	
	Planned feeder Planned feeder lin.					a3) disagreement to the proposed assignments	
L		Planned feeder	Planned fe	TOL		a3) disagreement to the proposed assignments	
	1 cc	ontrol of	f commer	nts		Select appropriate comment	
	rec	eivea by	BR and	DY		Disagreement through Notif. Adm.	
	Admin	istratio	n respons	sible.		C Agreement through Notif. Adm.	
	Α	dd disa	greement	t		C No agreement to be obtained	
	re	ceived	from MEX	(1
2. (Click 'Check Validat	ion completed' whe	en you estimate having	g finished with you	ur inputs		

Select a new draft Part D...

Save

Check Validation completed



🤣 SpaceCom v	8	
File Options	Help	
Aff. ADM Not. ADM Draft Wizard	Draft database file Wizard Part A Special Section information Notice Id. Special Section Adm./ntwk. org. Satellite network [115555002] [AP30-30A/E/709] USA [USABSS-41]	2 Orb. pos. -109.90 Comments completed 18/11/2016

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#4.2.3C	Planned BSS	Planned BSS (PLA	CAN		a3) disagreement to the proposed assignments	
	1	Planned BSS	Planned BSS (PLA	G	T	a3) disagreement to the proposed assignments	
	1	Planned BSS	Planned BSS (PLA	HOL		a3) disagreement to the proposed assignments	
	A30#4.2.3E6	Planned BSS	Non planned FSS	CAN		a3) disagreement to the proposed assignments	
]	Planned BSS	Non planned FSS	G		a3) disagreement to the proposed assignments	
]	Planned BSS	Non planned FSS	В		c2) no agreement to be obtained	
▶]	Planned BSS	Non planned FSS	MEX		c3) disagreement through Notif. Adm.	
	A30A#4.2.2C	Planned feeder	Planned feeder lin	CAN		a3) disagreement to the proposed assignments	
	1	Planned feeder	Planned feeder lin	G		a3) disagreement to the proposed assignments	
]	Planned feeder	Planned feeder lin	HOL		a3) disagreement to the proposed assignments	

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

ITU BR

2

Send to BR

😂 SpaceCom v8 📃 🗖 🗖									
File Options Help									
Aff. ADM Not. ADM	Draft database file Wizard								
Draft Wizard	BR IFIC 2730 16.10.2012	Draft AP30-30A Part D							
Send to BR	Regard PA PS Reserved Processory Proc	Select a drive where is located the BR IFIC DVD-Rom ar	nd click "OK"						
		ing from the BR IFIC DVD-Rom) and click "OK"							
2 Select a network									
		BR IFIC Adm Sat. Network	Special Section Comment Completion						
		▶ 2836 USA USABSS-41	1						
ITU BR		Select the action you wish to perform on the network: US/ For All Adm. View To view a draft Validate	ABSS-41 ng Adm. ONLY To validate a draft						

🤣 SpaceCom v8									
File Options	Help								
Aff. ADM Not. ADM	Send draft Part D v	alidated database to BR	2. Input the BR IFIC no in which the AP30* Part A was published						
	BR IFIC No. / Date	1 2836 / 10/01/2017							
Draft Wizard	File location	C:\SpaceCom_Comments\PLAN_c	omments\IFIC2836\NotADM\Draft\PLAN-IFIC2836	6_NOT_AP3030AE709.r					
Send to BR	1	1. Validate file 3 Validation Of 2. Send your o	before sending File validation						
			Create e-mail with MS Outlook	5 - if Validation OK					
		9	If you don't have Microsoft Dutlook, please send to 'brmail@itu.int' the comments file indicated above using your own messaging management program.						