



Submission of Comments using SpaceCom to API/A special section



Akim Falou Dine

Akim.Falou-Dine@itu.int

International Telecommunication Union



ITSO/ITU Workhop on Satellite Communications

AFRALTI, Nairobi, 17-21 July 2017



What is SpaceCom software?



- An application to assist Administrations in the management of their objections (comments) to networks published in certain Special Sections concerning certain types of coordination / agreement seeking procedure
- *Resolution 55: comments/objections/requests for inclusion or exclusion submitted to the Bureau for various procedures shall be submitted in electronic format compatible with the BR electronic notice form capture software (SpaceCom)*



Operation of SpaceCom – General overview



- 1. Select commenting procedures**
- 2. Enter your administration**
 1. One time operation, will have to re-install if you wish to change administration
- 3. Enter the IFIC number that you wish to comment on**
- 4. Select the appropriate IFICXXX.mdb file**
- 5. SpaceCom will list the satellite networks published in that IFIC that are subject to the commenting procedure that you have selected in 1)**
- 6. Capture of comments for specific satellite network**
- 7. Validation tool to check whether mdb comment file has been completed**
- 8. Submit the completed comments file to BRMAIL@ITU.INT**



Submission of comments to Bureau



SpaceCom Comments to a special section should be submitted **within 4 months from date of publication**



Change the file extension from “.mdb” to “.itu” to prevent the file from being deleted by email servers.



NOTE: SpaceCom V8 only works on V8 database

Therefore, to submit comments up till IFIC 2835 / 20.12.2016, SpaceCom V7 must be used!

After that, only SpaceCom V8 should be used.

Publications subject to comments with SpaceCom

After WRC-15...



...in force from 1st January 2017!



Publications subject to comments without SpaceCom

After WRC-15...

...in force from 1st January 2017!



AP30/E/
AP30A/E/

Provisions:
All

CR/C

Provisions:
9.7 (9.52)

AP30-30A/F/C/

Provisions:
9.7
AP30#7.1
AP30A#7.1
A30#4.1.1D

AP30B/A6A

Provisions:
AP30B#6.5



4 MONTH COMMENTING PERIOD



No publication of the list of coordination requirements



API not subject to coordination



- For frequency assignments for a satellite network or a satellite system not subject to the coordination procedure described in Section II of Article 9, No. **9.1** applies.
- 4 months commenting period (No.**9.3**)
- Res 55 -> comments to be submitted in electronic format using SpaceCom
- Publication of comments in API/B special section
- After at least 6 months after publication of API/A special section, may submit notification for recording in the Master Register.

Regulatory procedures for comments and resolution of difficulties

No.9.3 - No.9.4 of Article 9:

- Both administrations shall endeavor **to cooperate in joint efforts** to resolve any difficulties and shall **exchange any additional relevant information** that may be available
- *Either party can **request for the assistance of the Radiocommunication Bureau***
- In case of difficulties, the administration responsible for the **planned** satellite network shall **explore all possible means** to resolve the difficulties without considering the possibility of adjustment to networks of other administrations
- If no such means can be found, it **may request the other** administrations to **explore all possible means** to meet its requirements.
- The administrations concerned shall **make every possible effort** to resolve the difficulties by means of **mutually acceptable adjustments** to their networks.

Sample of API/A Publication in BR IFIC



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

© I.T.U.

RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		HOL-MG-ANS-001		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	API/A/11914
				BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2831 / 25.10.2016
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	HOL	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	116545179
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					29.06.2016

Ces renseignements sont publiés par le Bureau des radiocommunications en application du No. 9.2B. Ils font l'objet de la (les) procédure(s) suivante(s), indiquée(s) ci-dessous par un X dans la case pertinente.

This information is published by the Radiocommunication Bureau in accordance with No. 9.2B. It is subject to the procedure(s) indicated below by an X in the relevant box.

Esta información se publica por la Oficina de Radiocomunicaciones en virtud del No. 9.2B. Está sujeta al (a los) procedimiento(s) siguiente(s), señalado(s) con una X en la casilla apropiada.

X Les renseignements ont été reçus conformément à l'Article 9, sous-section IA

Toute administration estimant que des brouillages inacceptables peuvent être causés à ses réseaux ou à ses systèmes à satellites existants ou en projet devra communiquer ses commentaires à l'administration qui a demandé la publication, avec copie au Bureau des radiocommunications, dans le délai de quatre mois qui suit la date de la présente publication.

The information has been received pursuant to **Article 9, Sub-Section IA**

Any administration which believes that unacceptable interference may be caused to its existing or planned satellite networks or systems shall communicate its comments to the publishing administration, with a copy to the Radiocommunication Bureau, within four months after the date of this publication.

La información ha sido recibida de conformidad con el **Artículo 9, sub-sección IA**

Toda administración que estime que pueden causarse interferencias inacceptables a sus redes o sistemas de satélites existentes o previstos comunicará sus comentarios a la administración que haya publicado la información, con copia a la Oficina de Radiocomunicaciones, en un plazo de cuatro meses contados a partir de la fecha de esta publicación.

**DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES
EXPIRY DATE FOR THE RECEIPT OF COMMENTS
FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS**

25.02.2017

Les renseignements ont été reçus conformément à l'Article 9, sous-section IB

Toute administration estimant que ses réseaux à satellite, ses systèmes à satellites ou ses stations de terre, selon le cas, existants ou en projet, sont affectés, peut envoyer ses observations à l'administration qui a demandé la publication des renseignements, avec copie au Bureau des radiocommunications.

The information has been received pursuant to **Article 9, Sub-Section IB**

Any administration which considers that its existing or planned satellite systems or networks or terrestrial stations, as appropriate, are affected, may send its comments to the administration which has requested publication of the information, with a copy of such comments to the Radiocommunication Bureau.

La información ha sido recibida de conformidad con el **Artículo 9, sub-sección IB**

Cualquier administración que considere que sus sistemas o redes de satélites o estaciones terrenales, según el caso, existentes o planificados se verán afectados, podrá comunicar sus comentarios a la administración que haya solicitado la publicación de la información, enviando una copia de dichos comentarios a la Oficina de Radiocomunicaciones.

Sample of API/A Publication in BR IFIC

SECTION SPECIALE / SPECIAL SECTION / SECCIÓN ESPECIAL / 特节 / СПЕЦИАЛЬНАЯ СЕКЦИЯ / القسم الخاص

A	A1a Sat. Network	HOL-MG-ANS-001	A1f1 Notifying adm.	HOL	A1f3 Inter. sat. org.		BR1 Date of receipt	29.06.2
	BR6a/BR6b Id. no.	116545179		BR3a Provision reference	9.1/IA		BR2 Adm. serial no.	

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

Article 9, sous-section IA / Article 9, sub-section IA / Artículo 9, sub-sección IA
 第9条第1A分节 / Статья 9, подраздел IA / المادة 9، القسم الفرعي IA

B1a Beam designation	B2 Emi-Rcp	BR8 Action code	BR7a Group id.	BR9 Action code	BR47 Frequency band (MHz)	C4a Class of station
SBUL1	R		116701617		2025 - 2110	ET
DNL1U	E		116701615		400.15 - 401	ET
SBDL1	E		116701616		2200 - 2208	ET

Sample of API/A Publication in BR IFIC

SECTION SPECIALE / SPECIAL SECTION / SECCIÓN ESPECIAL / 特节 / СПЕЦИАЛЬНАЯ СЕКЦИЯ / القسم الخاص

A A1a Sat. Network A1f1 Notifying adm. A1f3 Inter. sat. org. BR1 Date of receipt BR20 E
BR6a/BR6b Id. no. BR3a Provision reference BR2 Adm. serial no.

A1f2 Submitted on behalf

A4b1 No. of orbital planes A4b2 Ref. body

A4b3a No. of space stations simult. trans. on Northern Hemisphere A4b3b No. of space stations simult. trans. on Southern Hemisphere

Orbital plane id. no.	A4b4a Inclination angle	A4b4b No. of satellites in this plane	A4b4c Period	A4b4d Apogee	A4b4e Perigee	A4b4f Min. altitude
1	97.8	5	0-01:37	600e0	600e0	600e0
2	97.8	5	0-01:37	600e0	600e0	600e0
3	97.8	5	0-01:37	600e0	600e0	600e0
4	97.8	5	0-01:37	600e0	600e0	600e0
5	97.8	5	0-01:37	600e0	600e0	600e0
6	97.8	5	0-01:37	600e0	600e0	600e0
7	51.6	5	0-01:33	440e0	440e0	440e0
8	51.6	5	0-01:33	440e0	440e0	440e0

B1a/BR17 Beam designation B1b Steerable B2 Emi-Rcp B3a1 Max. co-polar gain

B2bis.a Transmit only when visible from notified service area B2bis.b Min. Elev. Angle

B3c1 Co-polar antenna pattern					Co-polar rad. diag.
Co-polar ref. pattern	Coef. A	Coef. B			
					3

B4a3a1 Angle alpha B4a3a2 Angle beta

BR92 Attach. for missing angle alpha/beta

BR7a/BR7b Group id. BR1 Date of receipt C2c RR No. 4.4

BR14 Special Section

C4a Class of station C3a Assigned freq. band

C4b Nature of service C6a Polarization type C5a Noise temperature

C11a2 Service area C6b Polarization angle

A2b Period of valid. A3a Op. agency A3b Adm. resp. BR16 Value of type C8b

BR60 Regulatory deadline(s)

C1 Frequency Range			
C1a Lower limit	C1b Upper limit		
2025 MHz	2110 MHz		

C7a	C8a1/C8b1	C8a2/C8b2	C8c1	C8c2	C8c3	C8c4	C8e1	C8e2	E.i.r.
Design. of emission	Max. peak pwr	Max. pwr dens.	Min. peak pwr	Atch.	Min. pwr dens.	Atch.	C/N ratio	Atch.	
1 12K5F1D--	13	-28	13		-28		10		

Sample of API/A Publication in BR IFIC

B1a/BR17 Beam designation		SBDL1	B1b Steerable			B2 Emi-Rcp		E	B3a1 Max	
B2b/s.a Transmit only when visible from notified service area				Y	B2b/s.b Min. Elev. Angle				5	
B3c1 Co-polar antenna pattern										
Co-polar ref. pattern		Coef. A		Coef. B						Co-
B4a3a1 Angle alpha					B4a3a2 Angle beta					
BR92 Attach. for missing angle alpha/beta										

BR7a/BR7b Group id.		116701616	BR1 Date of receipt		29.06.2016	C2c RR No. 4.4		
BR14 Special Section		API/A/11914						
C4a Class of station		ET	C3a Assigned freq. band					
C4b Nature of service		OT	C6a Polarization type		CR	C6b Polarization		
C8d1 Max. tot. peak pwr			C8d2 Contiguous bandwidth					
C11a2 Service area		HOL	C11a					
A2b Period of valid.		10	A3a Op. agency		001	A3b Adm. resp.		A
BR60 Regulatory deadline(s)		11.44/11.44.1	29.06.2023		BR16 Value of type C8b			

C1 Frequency Range			
C1a Lower limit		C1b Upper limit	
2200	MHz	2208	MHz

C7a Design. of emission	C8a1/C8b1 Max. peak pwr	C8a2/C8b2 Max. pwr dens.	C8c1 Min. peak pwr	C8c2 Attch.	C8c3 Min. pwr dens.	C8c4 Attch.
1 250KG1DB-	-11	-64	-11		-64	

C7b Carrier frequency of the emissions (250KG1DB-)									
2200.5	MHz	2201.5	MHz	2202.5	MHz	2203.5	MHz	2204.5	MHz

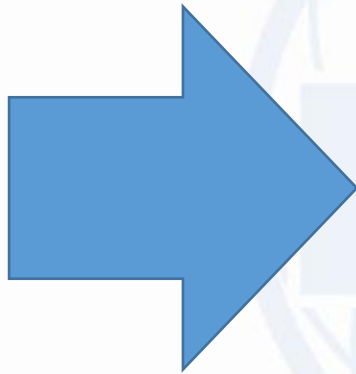
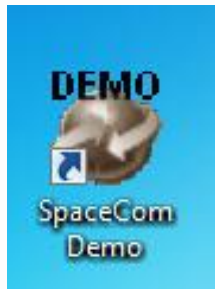
Hands-on **exercise** on the
submission of comments
to **API/A** Special Sections
using **SpaceCom**



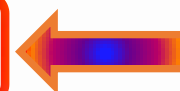
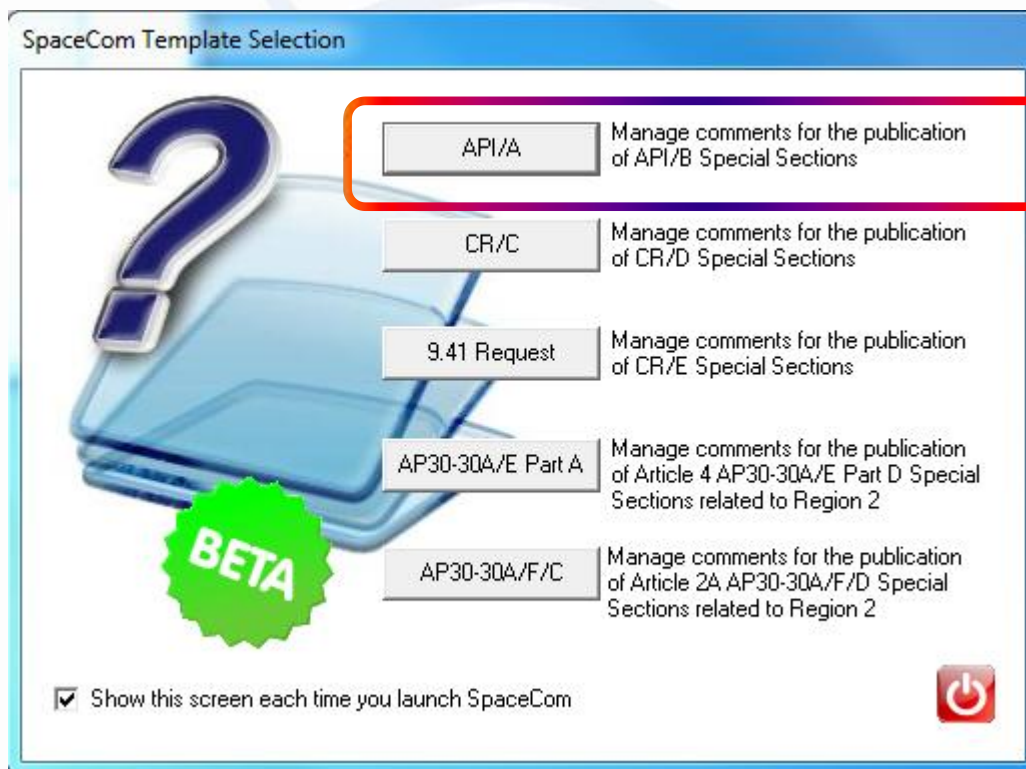
(using SpaceComDemo
on a training version of ific2836.mdb)

World Radiocommunication Seminar 2016

12 – 16 December 2016



SpaceCom Template Selection







Enter Adm. / Org. code



Login

 Enter your Administration code / network org.

/





Who are you ?

- ☒ Potentially affected Administration (Commenting on an API/A)

Operator



At Advance Publication stage, if, upon receipt of the BR IFIC containing API/A information for frequency bands which are not subject to Coordination procedure (see Sub-Section 1A of Article 9 of the RR) published under No. 9.2B, according to the provisions of No. 9.3 any administration believes that interference which may be unacceptable may be caused to its existing or planned satellite networks or systems; its terrestrial services or wishes to have its territory excluded from the service area or for any other reason, it shall within four months of the date of publication of the BR IFIC communicate to the notifying administration (with a copy to the BR), its comments on the particulars.

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

Next...






SpaceCom v8
File Options Help

Aff. ADM

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date  2836 / 10/01/2017 Expiry date for decision 10/05/2017  BR IFIC not yet published

BR IFIC database D:\11-SpaceCom\05 IFIC_Data\ific2836.mdb 

Administration code / network org. B / Operator:

Comments file location

Get list of API/A(s)...

BRIFIC No. / Date: 2836

BRIFIC database:\\11-SpaceCom\\05 IFIC_Data\\ific2836.mdb

SpaceCom v8
File Options Help

Aff. ADM

Comment
Import
Validate/Send

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date
2836 / 10/01/2017
Expiry date for decision
10/05/2017
BR IFIC not yet published

BR IFIC database
D:\11-SpaceCom\05 IFIC_Data\ific2836.mdb

Administration code / network org.
B /
Operator:

Comments file location

Get list of API/A(s)...

2. Select a API/A to comment and click 'Comment API/A...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Comments completion	Comments last update
▶	116545184	API/A/11912			FIN		SUOMI 100	NGSO	✗	
	116545191	API/A/11916			CHN		OVS-1	NGSO	✗	
	116545198	API/A/11923			F		AST-NG-NC-QV	NGSO	✗	
	116545187	API/A/11924			CHN		SPACEKEY-2	NGSO	✗	
	116545206	API/A/11925			MEX		PAINANI	NGSO	✗	
	116545207	API/A/11927			USA		CELTEE-1	NGSO	✗	

⚠ Your comments in the current BR IFIC are not valid please check all API/A 's as completed

Comment API/A...

Create report

Aff. ADM



Comment



Import



Validate/Send

Potentially affected Administration's comments under No. 9.3

API/A information

Notice Id.	Special Section	Adm./ntwk. org.	Satellite network	Orb. pos.
116545184	API/A/11912	FIN	SUOMI 100	NGSO

Comments NOT
completed ☐

1. Enter your comments by clicking the relevant check box in column 'Add'

	Comment Type	Added by affected Adm.	Add	Administration comments
<input type="checkbox"/>	Excluding territory		<input type="checkbox"/>	
<input type="checkbox"/>	Interference to the terrestrial services		<input type="checkbox"/>	
<input checked="" type="checkbox"/>	Interference to the space services	B	<input checked="" type="checkbox"/>	wants to be added
<input type="checkbox"/>	Other		<input type="checkbox"/>	

2. Enter Attachment reference

	Type	File Name	Extension	Description
*				

3. Click 'Check Comments completed' when you have finished with all your entries

Select a new API/A...

Save

☒ Check Comments completed

Create report

Aff. ADM



Comment



Import



Validate/Send

Potentially affected Administration's comments under No. 9.3

API/A information

Notice Id. **116545184** Special Section **API/A/11912** Adm./ntwk. org. **FIN** Satellite network **SUOMI 100** Orb. pos. **NGSO** **Comments completed** ☒ **04/12/2016**

1. Enter your comments by clicking the relevant check box in column 'Add'

Comment Type	Added by affected Adm.	Add	Administration comments
Excluding territory		<input type="checkbox"/>	
Interference to the terrestrial services		<input type="checkbox"/>	
Interference to the space services	B	<input checked="" type="checkbox"/>	wants to be added
► Other		<input type="checkbox"/>	

2. Enter Attachment reference

Type	File Name	Extension	Description
*			

3. Click 'Check Comments completed' when you have finished with all your entries

Select a new API/A...

Save

Check Comments completed

Create report

SpaceCom v8
File Options Help

Aff. ADM

Comment

Import

Validate/Send

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date 2836 / 10/01/2017 Expiry date for decision 10/05/2017

BR IFIC database D:\11-SpaceCom\05 IFIC_Data\ific2836.mdb

Administration code / network org. B / Operator:

Comments file location C:\SpaceCom_Comments_Demo\API_comments\IFIC2836\AffADM\API-IFIC2836_B.mdb

Get list of API/A(s)...

BR IFIC not yet published

2. Select a API/A to comment and click 'Comment API/A...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Comments completion	Comments last update
▶	116545184	API/A/11912			FIN		SUOMI 100	NGSO	✓	04/12/2016 17:35:29
	116545191	API/A/11916			CHN		OVS-1	NGSO	✗	
	116545198	API/A/11923			F		AST-NG-NC-QV	NGSO	✗	
	116545187	API/A/11924			CHN		SPACEKEY-2	NGSO	✗	
	116545206	API/A/11925			MEX		PAINANI	NGSO	✗	
	116545207	API/A/11927			USA		CELTEE-1	NGSO	✗	

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

Comment API/A...

Create report

Aff. ADM



Comment



Import



Validate/Send

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date 2836 / 10/01/2017 Expiry date for decision 10/05/2017

BR IFIC not yet published

BR IFIC database D:\11-SpaceCom\05 IFIC_Data\ific2836.mdb

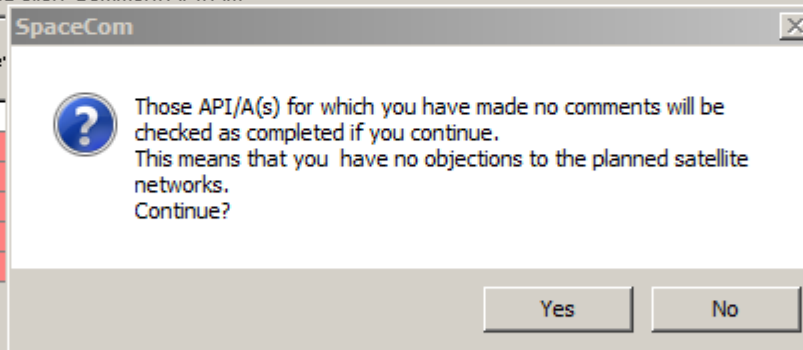
Administration code / network org. B / Operator:

Comments file location C:\SpaceCom_Comments_Demo\API_comments\IFIC2836\AffADM\API-IFIC2836_B.mdb

Get list of API/A(s)...

2. Select a API/A to comment and click 'Comment API/A...'

	Notice id.	Special section	Re
	116545184	API/A/11912	
	116545191	API/A/11916	
	116545198	API/A/11923	
	116545187	API/A/11924	
	116545206	API/A/11925	
	116545207	API/A/11927	



Comments last update

04/12/2016 17:35:29

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

Comment API/A...

Create report

SpaceCom v7

FileOptionsHelp

Aff. ADM

Comment

Import

Validate/Send

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date 2780 / 14.10.2014 Expiry date for decision 14.02.2015

BR IFIC database C:\Users\wangxi\Documents_work\ITU PUB\Seminar\SpaceCom\ifi

Administration code / network org. AGL / Operator:

Comments file location C:\SpaceCom_Comments\API_comments\IFIC2780\AffADM\APHIFIC2780_AGL.mdb

Get list of API/A(s)...

2. Select a API/A to comment and click 'Comment API/A...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Comments completion	Comments last update
	95540430	API/A/86	M	3	USA		USASAT-30A	NGSO	✗	
	114540576	API/A/9514			G		NOVASAR-S1	NGSO	✓	28.10.2014 18:32:14
▶	114540580	API/A/9525			USA		ISEE-3	NGSO	✓	28.10.2014 18:33:51

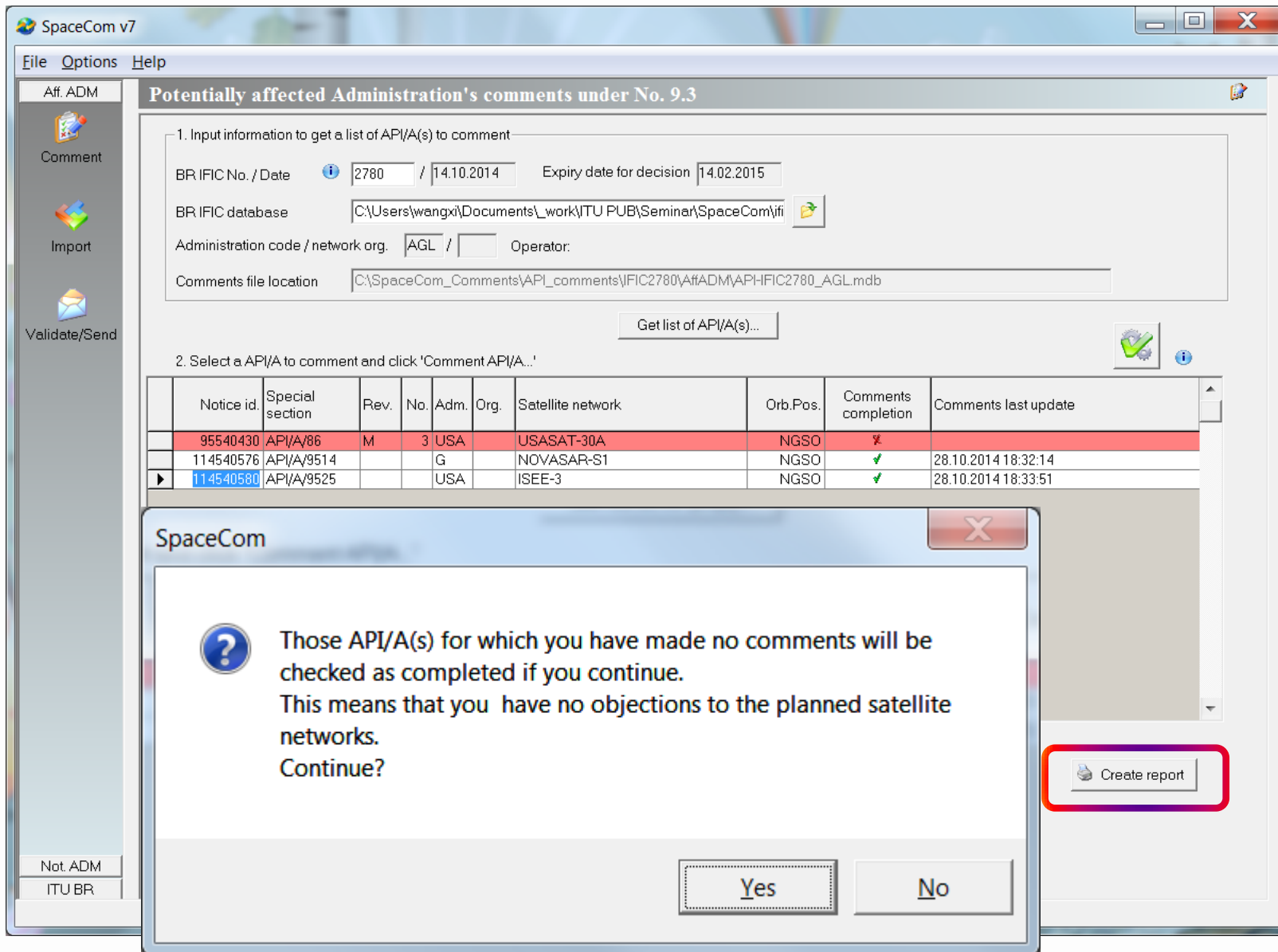
⚠ Your comments in the current BR IFIC are not valid please check all API/A 's as completed

Comment API/A...

Create report

Not. ADM

ITU BR



SpaceCom v8

FileOptionsHelp

Aff. ADM

Comment

Import

Validate/Send

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date2836 / 10/01/2017

Expiry date for decision10/05/2017

BR IFIC not yet published

BR IFIC databaseD:\11-SpaceCom\05 IFIC_Data\ific2836.mdb

Administration code / network org.B / Operator:

Comments file locationC:\SpaceCom_Comments_Demo\API_comments\IFIC2836\AffADM\API-IFIC2836_B.mdb

Get list of API/A(s)...

2. Select a API/A to comment and click 'Comment API/A...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Comments completion	Comments last update
▶	116545184	API/A/11912			FIN		SUOMI 100	NGSO	✓	04/12/2016 17:35:29
	116545191	API/A/11916			CHN		OVS-1	NGSO	✓	04/12/2016 17:39:05
	116545198	API/A/11923			F		AST-NG-NC-QV	NGSO	✓	04/12/2016 17:39:05
	116545187	API/A/11924			CHN		SPACEKEY-2	NGSO	✓	04/12/2016 17:39:05
	116545206	API/A/11925			MEX		PAINANI	NGSO	✓	04/12/2016 17:39:05
	116545207	API/A/11927			USA		CELTEE-1	NGSO	✓	04/12/2016 17:39:05

Comment API/A...

Create report

User status: Affected Administration ; User code: B
BR IFIC: 2836

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

API/A/11912 ; FIN ; SUOMI 100 (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	B	

API/A/11916 ; CHN ; OVS-1 (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

API/A/11923 ; F ; AST-NG-NC-QV (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

API/A/11924 ; CHN ; SPACEKEY-2 (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

API/A/11925 ; MEX ; PAINANI (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

SpaceCom v8
File Options Help

Aff. ADM



Comment


Import

Validate/Send

Potentially affected Administration's comments under No. 9.3

1. Input information to get a list of API/A(s) to comment

BR IFIC No. / Date  2836 / 10/01/2017 Expiry date for decision 10/05/2017  BR IFIC not yet published

BR IFIC database D:\11-SpaceCom\05 IFIC_Data\ific2836.mdb 

Administration code / network org. B / Operator:

Comments file location C:\SpaceCom_Comments_Demo\API_comments\IFIC2836\AffADM\API-IFIC2836_B.mdb

Get list of API/A(s)...

2. Select a API/A to comment and click 'Comment API/A...'

	Notice id.	Special section	Rev.	No.	Adm.	Org.	Satellite network	Orb.Pos.	Comments completion	Comments last update
▶	116545184	API/A/11912			FIN		SUOMI 100	NGSO	✓	04/12/2016 17:35:29
	116545191	API/A/11916			CHN		OVS-1	NGSO	✓	04/12/2016 17:39:05
	116545198	API/A/11923			F		AST-NG-NC-QV	NGSO	✓	04/12/2016 17:39:05
	116545187	API/A/11924			CHN		SPACEKEY-2	NGSO	✓	04/12/2016 17:39:05
	116545206	API/A/11925			MEX		PAINANI	NGSO	✓	04/12/2016 17:39:05
	116545207	API/A/11927			USA		CELTEE-1	NGSO	✓	04/12/2016 17:39:05

Comment API/A...

Create report

SpaceCom v8
File Options Help



Aff. ADM


Comment

Import

Validate/Send


Validate and send your comments under No. 9.3 database to BR


BR IFIC No. / Date  2836 / 10/01/2017 Expiry date for decision 10/05/2017  You are outside of the valid commenting period

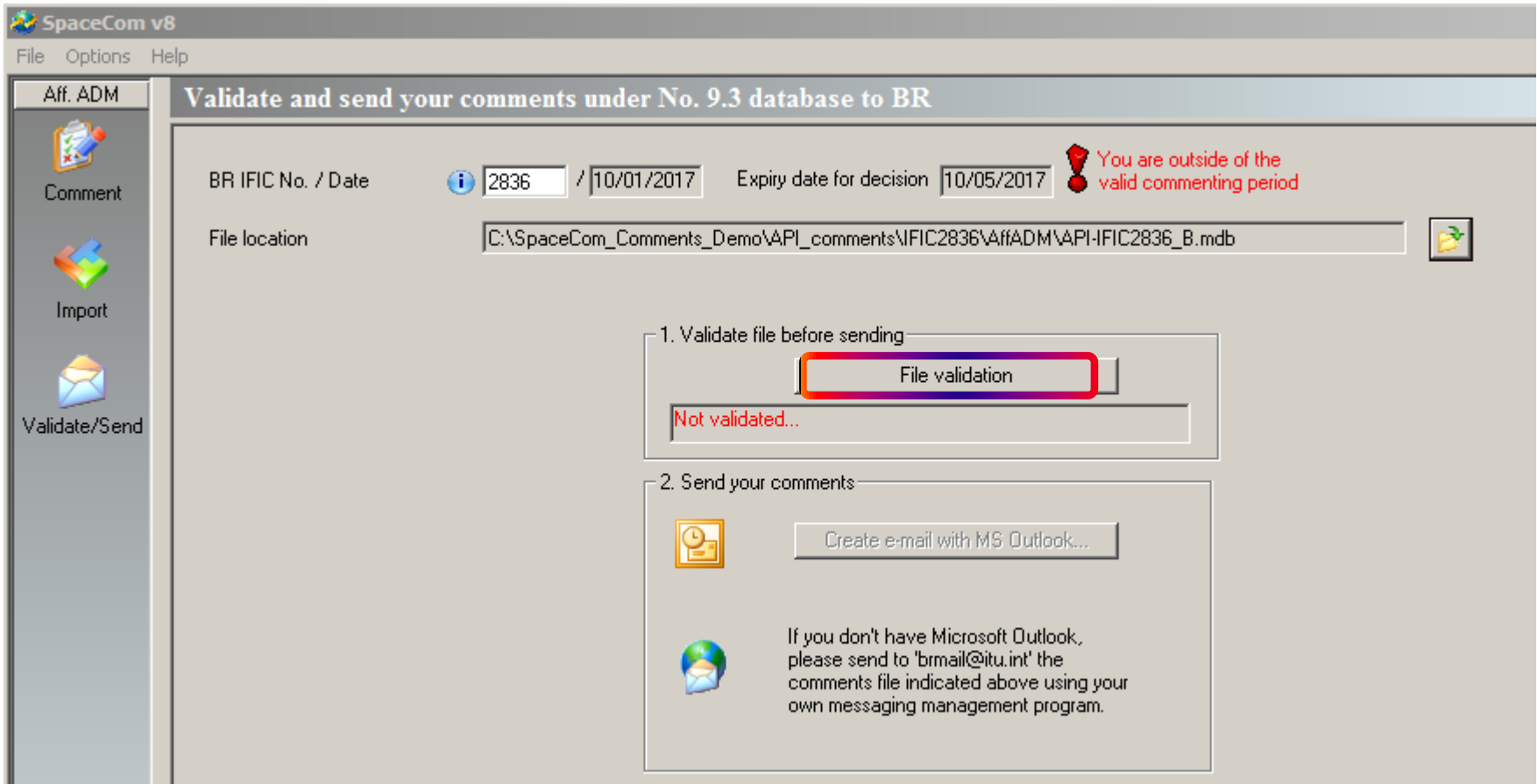
File location 

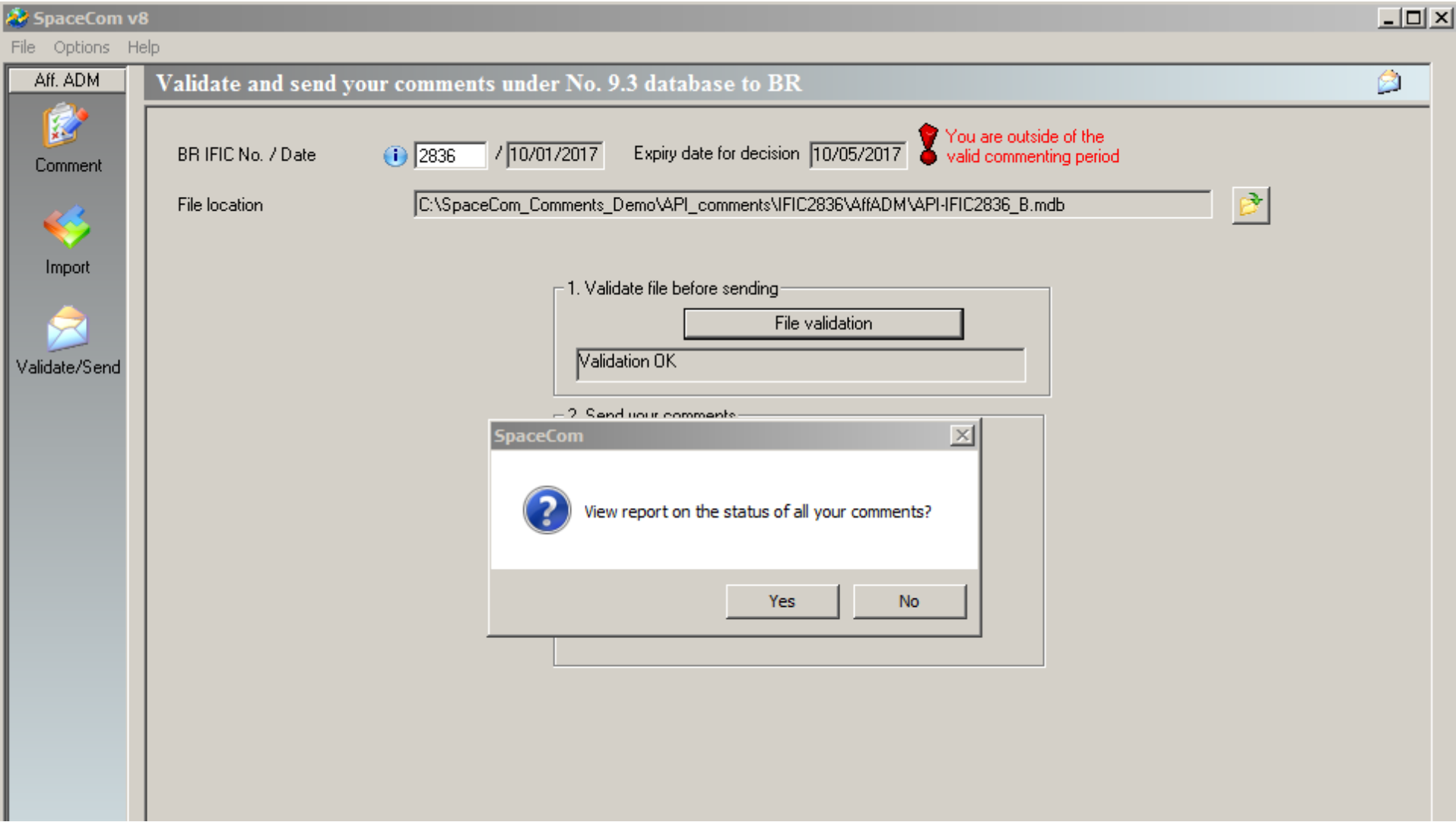
1. Validate file before sending

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.





User status: Affected Administration ; User code: B
BR IFIC: 2836

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

API/A/11912 ; FIN ; SUOMI 100 ; (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	B	

API/A/11916 ; CHN ; OVS-1 ; (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

API/A/11923 ; F ; AST-NG-NC-QV ; (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

API/A/11924 ; CHN ; SPACEKEY-2 ; (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	

API/A/11925 ; MEX ; PAINANI ; (orb. pos.:NGSO)

Provision	Wants to be Added	COMMENTS COMPLETED
9.3	not involved	



Submit comments file to BR



- Comment file location:
C:\SpaceCom_Comments_Demo\API_comments\IFIC2836\AffADM\API-IFIC2836_B.mdb
(Normally the directory is as follows:
C:\SpaceCom_Comments...)
- Change the file extension from .mdb to .itu
- Submit to BRMAIL@ITU.INT within the 4 months commenting period (No.9.3)

Sample for publication of API/B special section



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

© I.T.U.

RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		ROMIT-1	SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	API/B/451
			BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2781 / 28.10.2014
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	DNK	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	NGSO	NÚMERO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN
				114540154 / 114540154

RÉFÉRENCE DE LA SECTION SPÉCIALE (BR IFIC / DATE)
SPECIAL SECTION REFERENCE (BR IFIC / DATE)
REFERENCIA DE LA SECCIÓN ESPECIAL (BR IFIC / FECHA)

API/A/9099 (BR IFIC 2770 / 27.05.2014)

1. La présente Section spéciale est publiée conformément au numéro 9.5 du Règlement des radiocommunications, et concerne la demande de coordination publiée dans la section spéciale API/A indiquée ci-dessus.

2. Les administrations qui ont soumis des observations au titre du numéro 9.3 dans le délai de quatre mois suivant la date de publication de la Section spéciale API/A précitée, sont indiquées ci-dessous et le tableau contient un résumé de ces observations.

1. This Special Section is published in accordance with No. 9.5 of the Radio Regulations, in respect of the request for coordination published in the API/A Special Section referenced above.

2. Administrations that have submitted comments under No. 9.3 within four months of the date of publication of the mentioned API/A Special Section are listed below and the table contains a summary of the comments.

1. Esta Sección Especial se publica de conformidad con lo dispuesto en el número 9.5 del Reglamento de Radiocomunicaciones, en lo que respecta a la solicitud de coordinación publicada en la Sección Especial API/A antes citada.

2. Las administraciones que han presentado comentarios conforme al número 9.3 dentro de un plazo de cuatro meses a partir de la fecha de publicación de la Sección Especial API/A mencionada, se indican a continuación y en el cuadro se presenta un resumen de los comentarios.

ARS, BHR, D, QAT, USA

Sample for publication of API/B special section

Tableau / Table / Cuadro / 表 / Таблица / الجدول

RÉSUMÉ DES OBSERVATIONS / SUMMARY OF COMMENTS / RESUMEN DE LOS COMENTARIOS

意见摘要 / РЕЗЮМЕ ЗАМЕЧАНИЙ / ملخص بالتعليقات

		ADM
E	ARS, BHR, QAT	
T	QAT	
S	D, QAT, USA	
O	QAT	

Symboles utilisés dans le résumé des observations / Symbols used for the Summary of comments / Símbolos utilizados en el resumen de los comentarios /
意见摘要使用的符号 / Условные обозначения, используемые в резюме замечаний / الرموز المستخدمة في ملخص التعليقات

ADM: Administration / Administración / 主管部门 / Администрация / الإدارة

E: Exclusion du territoire / Excluding territory / Territorio excluido / 领土除外 / Исключая территорию / باستثناء أراضي

T: Brouillage causé aux services de Terre / Interference to the terrestrial services / Interferencia a los servicios terrenales / 对地面业务的干扰 / Помехи наземным службам / تتداخل في الخدمات الأرضية

S: Brouillage causé aux services spatiaux / Interference to the space services / Interferencia a los servicios espaciales / 对空间业务的干扰 / Помехи космическим службам / تتداخل في الخدمات الفضائية

O: Autres / Others / Otros / 其它 / Другие / غير ذلك



Free BR IFIC database online



- Free download the BR IFIC database from the following website:

<http://www.itu.int/sns/demowic.html>



Questions ?

