



Notification and Recording of Frequency Assignments

(Non-plan, space services)



Mehtap Dufour, Akim Falou-Dine, Nick Sinanis



Overview



- Notice creation, validation and Part I-S publication
 - Nick Sinanis
- Technical examination
 - Mehtap Dufour
- Part III-S publication, return of notice and resubmission request
 - Akim Falou-Dine
- Findings and recording
 - Mehtap Dufour



Notice Lifetime



- Administration sends Art. 11 filing
 - Email submissions are always confirmed in return by BR
- Receivability tests (completeness, correctness)
- Part I-S is published
- Technical examination
- Favorable findings -> Part II-S publication & Recording
- Unfavorable findings -> Part III-S publication
- Returned notices that can be resubmitted, will restart the above cycle, until the final recording takes place



Notice creation

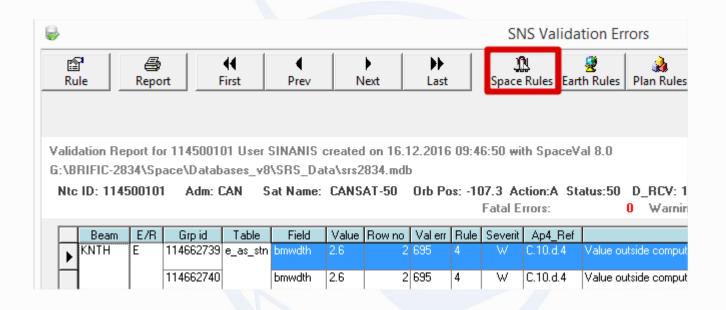


- CRC to Notification filing conversion
 - Easiest way to have a starting point
- NGSO API to Notification
 - See instructions in Wednesday's presentation
- Manual capturing
 - Tedious, have more control
- In all cases, SpaceVal is the mandatory but also the essential way to identify problems prior to submission



Understanding validation output



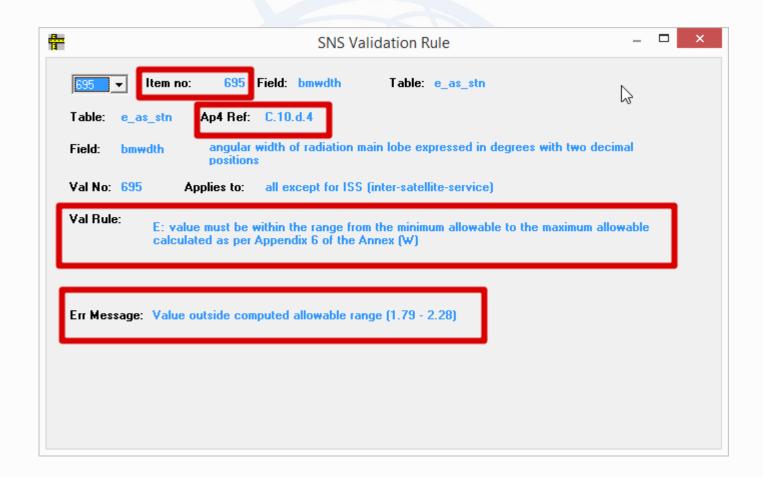


Double-click on a table line to display more details



Understanding validation output

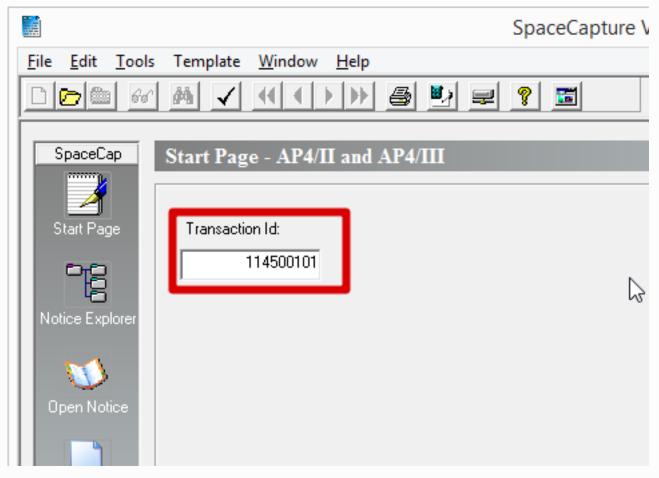






Accessing Notice Data





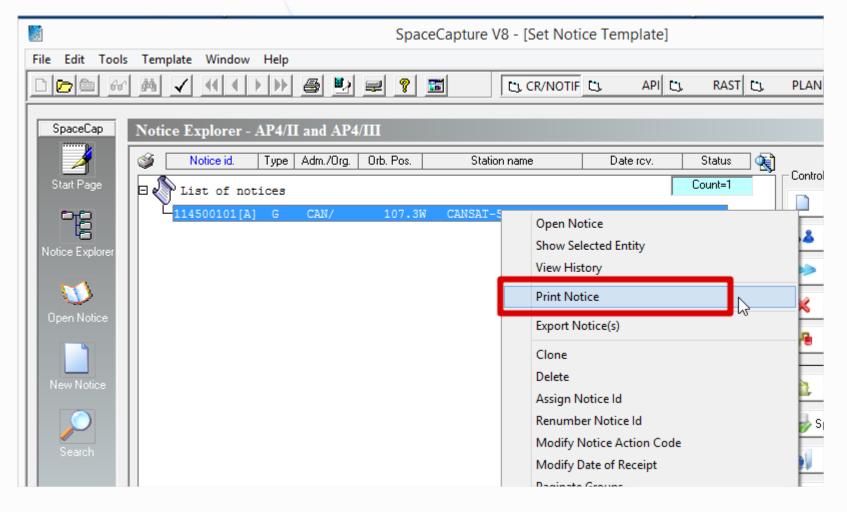
Download DATA file from Workshop Program Page



Notice Publication – Starting SpacePUB



8





Part I-S publication





UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION RADIOCOMMUNICATION BURFAU UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		CANSAT-50		PARTIE PART PARTE	I-S
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ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	CAN	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	107.3 W	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	115500210 / 114500101
RENSEIGNEMENTS REÇUS F	PAR LE BUREAU LE /	INFORMATION RECEIVED I	BY THE BUREAU ON / IN	FORMACIÓN RECIBIDA POR LA OFICI	NA EL 10.04.2015

Not	Notifications reçues au titre de		tifications received under	Notificaciones recibidas en virtud de lo dispuesto en			
x	X Article 11 du Règlement des radiocommunications		X Article 11 of the Radio Regulations		Artículo 11 del Reglamento de Radiocomunicaciones		
	Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A		
	Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B		

Pour plus d'informations sur les dispositions réglementaires et l'explication des codes ou symboles utilisés dans cette publication, veuillez consulter la Préface.

For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface.

Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio.

Find them in the BR IFIC, **SNL** online



A few hints...



- Ensure that an appropriate explanation is provided when fatal errors were not resolved
- Prepare as complete as possible notices
 - Adding later a few associated E/S will result to a MOD and extra cost
- MODs are more involved transactions that BR will be happy to provide assistance
 - Careful when modifying station-level data as this will likely result in reexamining also the recorded network
 - The same for beam-level data





Notice Creation, Validation

Technical Examination

Part III-S, Return of Notice, Resubmission

Findings and Recording



Examination under No. 11.31



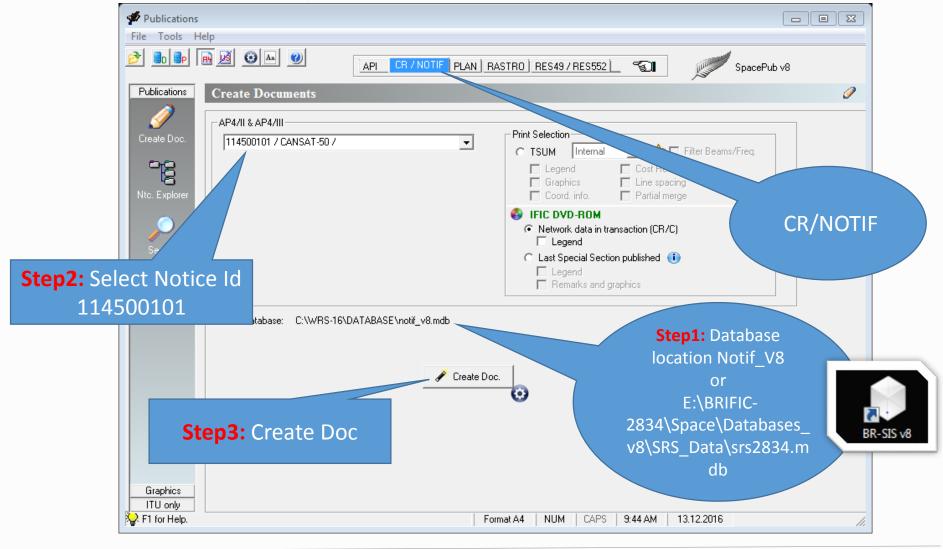
Conformity of Table of Frequency Allocations under Art. 5

Other relevant provisions (Rules of Procedure)

Footnotes, RESs, RECs
Successful application of No. 9.21
Articles 21 to 57 (Space ->
21,22,23)











① https://www.itu.int/en/ITU-R/space/Pages/wrs2016SpaceWorkshop.aspx

11:30 - 11:50		Analysis of AP30/30A	EXercise. EPFD
		examination results	Q&A
11:50 - 12:00		Commenting (non-SpaceCom)	
12:00 - 12:30		Q&A	Notification of satellite networks Exercise: RES-49/RES-552
12:30 - 13:15	LUNCH	Presentation on the Radio Regulations Navigation Tool	Presentation on the Radio Regulations Navigation Tool
13:15 - 14:00		LUNCH	LUNCH
14:00 - 14:30	Exercise: BR software installation (V8)	Earth Station (ES) Exercise: Capturing of ES for coordination Exercise: Creation of ES	(13:15 -14:30)
14:30 - 15:00	Non-Plan services Receivability of forms of Space notices	Submission of ES Notification ES capture instructions	Notification of satellite networks Exercises: 11.32A, 11.41 D1 / III-S publication scenario
15:00 - 15:15	Cost Recovery Exercise: Cost recovery calcusing SpaceCal	Notif V8 database location	
15:15 - 15:30	Break	Characteristics of Typical ES in FSS	





A 1a Sat. Network CANSAT-50 A1f1 Notifying adm. CAN A1f3 Inter. sat. org. BR1 Date of receipt 13.08.2014 BR20 BR IFIC no. [2832]
BR6a/BR6b Id. no. 114500101 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no.
A1/2 Submitted on behalf
A4a1 Orbital long, 107.3 W BR61 Original orb. long, 107.3 W A4a2e East Long, tolerance limit 0.05 A4a2b West Long, tolerance limit 0.05 A4a2c Inclination excursion 0.05
A178 Compliance with PFD limit dB/W/m²-1MHz) in the band 1164 - 1215 MHz
A17b1 Calculated aggregate PFD value in the band 4990.0 - 5000.0 MHz dB(W/(m².10
417h2 Calculated aggregate PED value in the hand 5030 D - 5150 0 MHz
A17d Mean PFD in the band 35.5 -36.0 GHz A17e2a Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT Alfe2a Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT Alfe2a Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT
A17e2a Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT
A17e2b Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT BB (WI(m²-50)
A17e2c Calculated PFD value in the band 42.5 - 43.5 GHz at RA VLBI dB(W(m²-50t kHz))
A16a Compliance with off-axis power limitation Y A18a Aircraft earth station commitment
Int/Ext E
B1a/BR17 Beam designation KXRH B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 35 B3d Pointing accuracy 0 . 0 ?
83b1 Co-polar ant. gain contours diag. 1 83e Ant. gain vs orbit long. diag. 1
B3c1 Co-polar antenna pattern
Co-polar ref. pattern Coef. A Coef. B Co-polar rad. diag.
Page no. 41 IFIC I 2781 Part 1 IFIC II/III 2832 Part 2 Update date 08.11.2016 Finding required Cost Rec. Provision Date of receipt of API 05.12.2007 Flag of bringing into use C Special Section 1 No. Special Section 3 No.
Notes
Compare id. Records Structures Frequencies Emissions Assoc. Estns Assoc. Sstns Provisions Publications Findings
BR7a/BR7b Group id. 114662773 BR1 Date of receipt 13.08.2014 C2c RR No. 4.4
A2a Date of bringing into use 15.04.2014
BR14 Special Section EC C3a Assigned freq. band 27000 C5a Noise temperature 825
C4b Nature of service CP C6e Polarization type H C6b Polarization angle
C11a1 Service area no. 1 C11a2 Service area C11a1 Service area C11a2 Service area C11a3 S
A5/A6 Coordinations/Agreements 9.7 O G USA
Page / Página 1
Page / Página 1
3 TSUM Requested by MULUM Date 19:11.2016 14:33:15 DB 114500101EXEMPLE MDB Plan to Notice type HEG
A 1/8 Sat. Network CANSAT-50
BR6a/BR6b Id. no. 114500101 BR3a/BR3b Provision reference 11.2 № BR2 Adm. serial no.
C2a1 Assigned frequency
13.77075 GHz 13.80125 GHz 13.83175 GHz 13.8225 GHz 13.8227 GHz 13.9275 GHz 13.92325 GHz 13.95375 GHz 13.98425 GHz
A13 C7a C8a1/C8b1 C8a2/C8b2 C8c1 C8c2 C8c3 C8c4 C8e1 C8e2





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13C Remarks			_	
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BR62 Expiry date for bringing into use	05.12.2014	Select G	roup ld	64 Date of receipt of 1st Res49
BR14 Special Section		_		or Date of receipt of 15t Nestro
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C4b Nature of service CP				
C46 Nature of service		a roianzation type	Our Folanzation angle	
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Examination under No. 11.31 (1)



Art 5

 compliance with table of frequency allocation including footnotes

Art 21 Sect III

 power limits of earth stations are complied

Art 21 Sect V

 limits of power flux density from space stations



Examination under No. 11.31 (2)



Article 22 Sect III

Article 22 Sect IV

Article 22 Sect VI station keeping of space stations

pointing accuracies of antenna on geostationary satellites

 earth station off-axis power limitations to fixed satellite service



Conformity with Table of Frequency Allocations under Art. 5





13.75-14

FIXED-SATELLITE (Earth-to-space) 5.484A

RADIOLOCATION

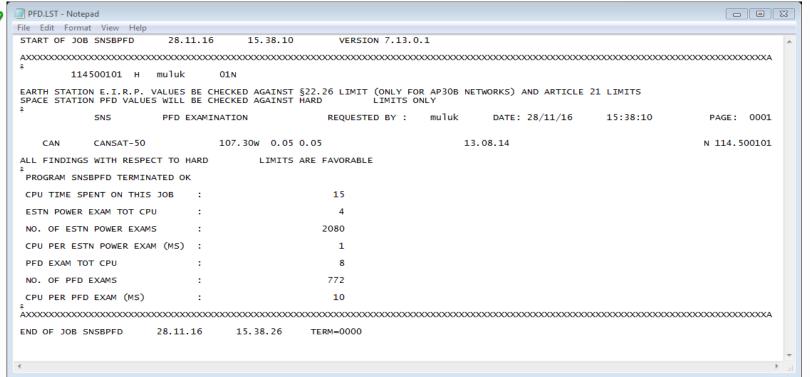
Earth exploration-satellite

Standard frequency and time signal-satellite (Earth-to-space)

Space research

5.499 5.500 5.501 5.502 5.503

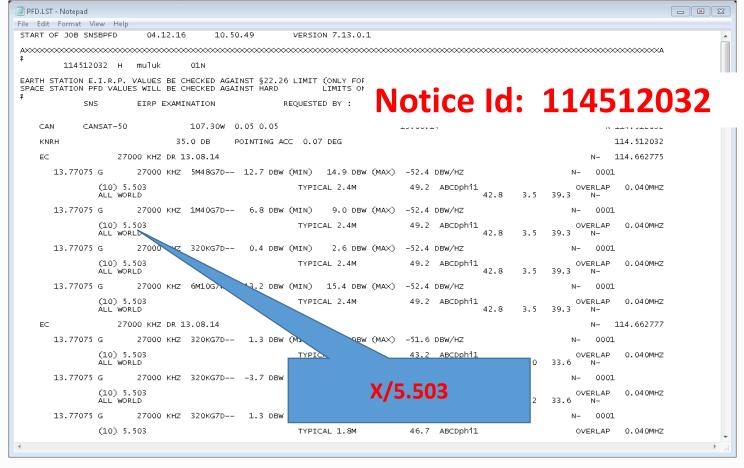






Conformity with Table of Frequency Allocations - Art. 21 Section V







Example of Findings under No. 11.31



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Assoc. earth station id. TYPICAL 2.489 ISUMPANICA REQUESSED OX. A AYA Sat. Network C. SKNEA/SKNED ID.NO. ILLES.	estron: AMSAT-50 EVUSZ	eograp	ATTY BRISAYS	UNZO NOTITYIN	US. / N	CP CP ATT	Max.iso. gain 49.2 Page / I	Página 2	h C	Ant. diameter 2. 4 2. 4 Ant. diameter	Ant. dim. (DUSU)	Max. aggr. pwr.	Aggr. bandwidth	Fransp. ba	andwidth = indwidth
Assoc. earth station id. TYPICAL Y. 999 A VA SAIL NEWORK C. EMBALSHED IO.NO. IL195. LYUNY PESOC. earth station TYPICAL Y. 999	MALICUR MAL	eograp	ATTY BRISAYS	Utry Uwco Notinyin Kudi Pro	US. / N	CP ATO	Page / I	Página 2	h E	Ant. diameter 2. 4 WY Date offer KZ Adm. sen:	Ant. dim. (DUSU)	Max. aggr. pwr.	Aggr. bandwidth Notic	emperusa	andwidth = indwidth
Assoc. earth station id. TYPICAL 2. 989 ISUIDIDENCE REQUESSETOX: A 74 Sat. Network C. SKN64/SKN0 Id.No. 1195.	MALICUR MAL	eograp	ATTY BRISAYS	Utry Uwco Notinyin Kudi Pro	US. / N	CP ATO	Max.iso. gain 49.2 Page / I	Página 2	h C	Ant. diameter 2. 4 WY Date offer KZ Adm. sen:	Ant. dim. (DUSU)	Max. aggr. pwr.	Aggr. bandwidth	emperusa	andwidth = indwidth



Example of Findings under No. 11.31

BR6a/BR6b Id. no. 114500101 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no.
A1f2 Submitted on behalf
A4a1 Orbital long. 107.3 W BR61 Original orb. long. 107.3 W A4a2a East Long. tolerance limit 0.05 A4a2b West Long. tolerance limit 0.05 A4a2c Inclination excursion 0.05
A17a Compliance with PFD limit dB(W/(m²-1MHz)) in the band 1164 - 1215 MHz
A17b1 Calculated aggregate PFD value in the band 4990.0 - 5000.0 MHz dB(W//(m²-10 MHz))
A17b2 Calculated aggregate PFD value in the band 5030.0 - 5150.0 MHz dB(W/(m²-150 kHz))
A17d Mean PFD in the band 35.5 - 36.0 GHz
A17e2a Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²-1 GHz))
A17e2b Calculated PFD value in the band 42.5 - 43.5 GHz at RA SDT dB(W/(m²-500 kHz
A17e2c Calculated PFD value in the band 42.5 - 43.5 GHz at RA VLBI Motice Id: 114500101
A16a Compliance with off-axis power limitation Y A18a Aircraft earth station commitment
Int/Ext 🖺 First notif. or Resub. 🖺 IFIC I
Status 50 Date 27.10.2016 Prev. Status 49 Inflag Manage Option Inflag Manage Option
Special Section 1 No. Special Sect V Station Keeping tion 3 No. Special Section 1 No. Sp
Compare id. Records Structures Orbits Horizon elevations
Compare id. Compare beam Records Structures Finding required
Compare to. Compare Jean Records Suddies Finding required
B1a/BR17 Beam designation KXRH B1b Steerable B2 Emi-Rcp R B3a1 Max. co-polar gain 35 B3d Pointing accuracy 0.07
B3b1 Co-polar ant, gain contours diag. 1 B3e Ant, gain vs orbit long, diag. 1
B3c1 Co-polar antenna pattern
Co-polar ref. pattern Coef. A Coef. B Co-polar rad. diag.
Page no. 41 IFIC 2781 Part 1 IFIC // IFIC 1 IFIC // IFIC
Date of receipt of API 05.12.2007 Flag of bringing into use C
Special Section 1 No. Special Section 2 No. Special Section 3 No.
Notes
Compare id. Records Structures Frequencies Emissions Assoc. Estns Assoc
BR7a/BR7b Group id. 114662773 BR1 Date of receipt 13.08.2014 C2c RR No. 4.4 Pointing Accuracy
A2a Date of bringing into use 15.04.2014 A2b Period of valid. 20 A3a Op. agency 014 A3b Adm. resp. B B
BR62 Expiry date for bringing into use 05.12.2014 BR63 Confirmed date of bringing into use 15.04.201 BR14 Special Section
EXT4 Special Section C4a Class of station EC C3a Assigned freq. band 27000 C5a Noise temperature 825
C4b Nature of service CP C6a Polarization type H C6b Polarization angle
C11a1 Service area no. 1 C11a2 Service area C56 Polanzanion type II C66 Polanzanion angle II C11a3 Service area diagram 1
A5/46 Coordinations/Agreements 9.7 O G USA
ment contaminating and a set



Example of Findings under No. 11.31 No. 9.21



Notice Id: 115500172

Group Id: Records Structures Frequencies Emissions Assoc. Estns Assoc. Sstns Group Id: 115691636 BR1 Date of receipt 20.11.2015 C2c RR No. 4.4 11.07.2017 A2b Period of valid. 30 A3a Op. agency 001 A3b Adm. resp. BR16 Value	Special Section 1	No.	Special Section 2	No.	Sp	pecial Section 3
Composition Composition	Notes					
11.07.2017 A2b Period of valid. 30 A3a Op. agency 001 A3b Adm. resp. A BR16 Value	Compare id. Re	ecords Structure	es Frequencies	Emissions	Assoc. Estres /	Assoc. Sstns
C4a Class of station EI C3a Assigned freq. band 125000 C5a Noise temperature C4b Nature of service C0 C11a1 Service area no. C11a2 Service rea A5/A6 Coordinations/Agreements 9.21/A 9.21/B 9.7 0 E MLA USA 9.21/B 0 9.7 V/11.31.1/A V ARS AUS B CAN CHN CYP D EGY F G I INS IRN IRQ V/11.31.1/C V/11.31.1/C X/9.7 X ARS AUS B BEL BLR CAN CHN CYP D EGY F G I INS	115691636	1.07.2017 A2b	Period of valid. 30	A3a Op. agency D01	A3b Adm. resp. A	BR16 Value
C4b Nature of service	_				_	
C1181 Service area no.	C48 Class of station	EI	C3a Assig	ned freg. band 12500	D C5a Noi	ise temperature
### A5/A6 Coordinations/Agreements 9.21/A	C4b Nature of service	00	Cđa Po	tarization type M	Cđb Po	larization angle
9.21/B 0 9.7 0 E MLA USA V/11.31.1/A V ARS AUS B CAM CHM CYP D EGY F G I INS IRM IRQ V/11.31.1/C V AUS CAN CHM INS KAZ KOR MLA USA USA/GUM USA/HWA X/9.7 X ARS AUS B BEL BLR CAN CHM CYP D EGY F G I INS	C11a1 Service area no.	C11a2 Servi	ce vrexa			
	A5/A6 Coordinations/Agreements	9.21/B 9.7 V/11.31.1/A V/11.31.1/C	O E MLA U RRS AUS V AUS CAN X ARS AUS	SA B CAM CHN CYP D CHN INS KAZ KOR		USA/HWA



After No. 11.31 Examination



When No. 11.31 finding is favourable, the assignment shall be recorded in the Master Register,

or examined further to Nos. 11.32 to 11.33, as appropriate



Examination under No. 11.32



COORDINATION PROVISIONS

The requirement of all forms of coordination should be completed



Findings will be based on information available on the A5/A6 boxes



Example of Findings under No. 11.32 Assignments in MIFR (Part II-S)



A AYA SAT. Network			Date:	30378		notitying	aom. CAN	AY73 I				BKY	uate ot re		TULE SK.	ZWBKZI BKII	mentype:::) Huno./pa	
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Co-polar ret, pattern	Loe	r. A	т —	соет.		Т	antenna par	T					Co-poia	ir rao, olag,			: (9)	6
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8874 Special Section	_				l		\neg				_						6,	/
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U40 Nature of Service	TO TO	亓				∪ыа	Polanzation ty	pe V		i i	U	60 Pola	inzation and	gie 💳	ī .			
CYYAY Service area no.	<i>]</i> =	寸 いか	аи бег	vice are	9					_					UYYa	ധ bervice area	a diagram)	
AS/A6 Coordinations/Agi	ems	9.7		To	TT	, USA												
								Æssignea										
13.78375 GHz	13.81	425 GH:	<u> </u>	13.84·		Hz	13.87525	6Hz		90575	ьHz		93952 M		76675 GH			⊒
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CR/C/2233			2 2	1M40G 320KG			7.			3.8		3.3		-58. -58.	- 1	5.9		
			4	80 X 0 G			1. -6.	- 1		3.8 5.9		-3.1 -9.1		-50. -58.	- 1	7		
			5	26 K 7G			-11.			5.5		-13.5		-57.	- 1	8.3		
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Assoc. earth station id.	עי	pe G	eograpi	nicai co	oora.	Utry	Uls. / Na	it. Max. ga		Brnwdti	'	Pm	t. diameter	Ant. dim. (DGSU)	Max. agg	gr. <i>H</i> ggr. bandwidth		. bandwidth bandwidth
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TYPICAL 3.7M		CO-polar ABCUphil	-	rem		DET A	_	5 S	+	32	i. C	+	25		7	co-polar rad.	ulay.	
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ו מאאישא סוסup וע	i	14662782	T		ء - ا	KY Date	e o r receipt 1	3.08.201	<u> </u>	U20	KK NO.	4.4						
Aza Date of ornging into us	e 15.	V4.2V14	HZ.	л непо	o ot val	ю. 🗝 О	Asa up.a	igency 0.	<u> </u>	АЗО А ОГ	n.resp.[ᡏ	BK16 Va	ше оттуре Са	\Box			
ಜಗಳಿತ Expiry date for bringi	ng into	use [05.1Σ.	2014			8KM L0	nimea aa	те отс	onnging ir	πouse∐ັ	L5.U4.	2014		รหษา มสเอ	otreceiptotis	≀кезч⊌Г	
क्षराय Special Section											_						_	
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1.7727 Nepres area no		1.99	a / Ner	ince are	73 F	_				_					1.992	< Nomino area	i ulautatu)	

Notice Id: 114500101



Example of Findings under No. 11.32 Missing Coordination Agreements



A2a Date of bringing into use		BR1 Dat Period of valid. 20	e of receipt 05.01 A3a Op. ageno		RR No. 4.4 n. resp. B	BR16 Value	of type C8b		
No	otice Id: 1	L165000)24	Page / Página 27	X/		(I: HOI EX UA	L INS J E	Patrice
LTSUM Requested by NULL A 1a Sat. Network C2 BR6a/BR6b Id. no. 11650	ANSAT (107.3W)-L	2:3016::32:47:30 A1ff Notifying BR3s/BR3b Pro		RS: ALL: 3008 A1/3 Inter. sal		Date of recei	Ptan kt. pt 05.01.201 o.		se type: '950 3R IFIC no. 2832 25% 8
BR62 Expiry date for bringing BR14 Special Section C4a Class of station C4b Nature of service C8d1 Max. tot. peak pwr.	EI EJ CP OT	C3a Ass C6a Contiguous bandy		bringing in	c6b Pola		BRE	64 Date of receipt of 1s	t Res49
C11a1 Service area no. A5/A6 Coordinations/Agreeme	1 C11a2 Servi	O F LUX F/WAL	S J MEX UAE	F/EUT G LUX	PAK RUS S		NN	3 Service area	a diagram 2
1552 MHs			0287 7338	gried frequency		/ /	I		
A13 Ref. to Special Sectio API/A/5534 CR/C/2448	1 5 2 1 3 1 4 2	C7a ign. of emission M00G7W M25G7W M25G7W 00KG7W 1K3G7W	C8a1/C8b1 Max. peak pwr 17.5 12.4 17.3 12.1 6.8	C8a2/C8b2 Max. pwr dens. -49.5 -48.5 -42.7 -40.9 -38.1	C8c1 Min. peak 4 4 3.3 10.1 2.8	Attch. N	C8c3 Ain. pwr dens. -51.5 -50.5 -47.7 -42.9 -42.1	C8c4 C8e1 Attch. C/N ratio -5.1 -3.4 -1.9 2.6 -6.4	C8e2 Attch.
C10b1 Assoc. earth station id.	C10b2 C10 Type Geographi		C10d1/C10d2 Cls. / Nat.	C10d3 C10 Max. iso. Bry In gain -4	C10d6 Noise And temp.	C10d7 t. diameter	C10d9 Ant. dim. (DGSO)		
C10b1 Assoc. earth station in TYPICAL-1 Findings 2D Date of protect 13C Remarks	ND-EARTH	m Coef. A	Coef. E	C10r a Co-polar ar B Coe 13B1 Provision 5	f. C	Coef. D 1382 F	Phi1	Co-polar rad.	
730 Remarks									



Examination under No. 11.32



Space Stations Check if notified characteristics are the same or within the envelope of coordination characteristics

If not → relevant interference calculations are carried out on the basis of AP5

If additional
administrations identified

→ unfavourable finding
will be given and notice
returned. →
Administration would be
requested to publish a
modification to the
related coordination
Special Section

See RoP (Rules of Procedure) 11.32



Example of Findings under No. 11.32



BR7a/BR7b Group id. A2a Date of bringing into use			BR1 Da iod of valid. 20	ate of receipt 05.0 A3a Op. agen			RR No. 4.4 n. resp. B		ue of type C8b	\neg			
BR62 Expiry date for bringing		27.02.2016	ı —	BR63 Confirm	ned date of br	inging in	to use		BR	64 Date o	f receipt of 1st l	Res49	
BR14 Special Section											•		
	_												
N	otice	ld: 11	65000	124	D (D)								20100
				-	Page / Pá	igina 28							Palliatio
_TSUM Requested by: MIXI	UR:	968::01:12:20	d 6 : : 22 : 47 : 2	0:::::::::::::::::::::::::::::::::::::	SRB: ALX: MID	Establish			Plantd:	**********	SEE NOTICE	type: GE	G0000000000000000000000000000000000000
A 1a Sat. Network C	ANSAT (107.3	W)-L	A1f1 Notifyir	g adm. CAN	A1f3 Inter. sa	at. org.		BR1 Date of re	ceipt 05.01.20	16		R IFIC no.	
BR6a/BR6b ld. no. 11650				ovision reference 1	1.2	1	M I	BR2 Adm. seria	no.			33337	\$4000000000000000000000000000000000000
		_											
C4a Class of station	EG EI			ssigned freq. band	14000								
C4b Nature of service	OT CE	2	C66	Polarization type	М		C6b	Polarization and	ale				
C8d1 Max. tot. peak pwr.	34	C8d2 Cont	tiguous bandwid	ith 14000									
C11a1 Service area no.	1 C1	11a2 Service are	ea							C11a3	Service area	diagram	2
A5/A6 Coordinations/Agreeme		0	F LUX										
	9.14	0	F/WAL	US B F F/ES	. 5/5175 /		D3.57 D25	9 900 1193					
	X/9.7			NS MEX UAE	A E/EUI (G LUA	PAR RU	S SNG USA					
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Ref. to Secial Section	ons		of emission	Max. peak pwr	Max. pwr d	lens.	Min. peak p		Min. pwr dens.	Attich.	C/N ratio	Attch.	
API/A/5524		1 5M00G 2 1M25G		11.5	-55 -54			.5	-57.5 -56.6		-5.1		
CR/C/2448		3 1M25G		6.4 17.3	-54 -43			.4	-30.0 -47.7		-3.4 -0.4		
		4 200KG		5.1	-47			.1	-49.9		2.6		
		5 62K5G	7W	11.5	-36	.5	7	.5	-40.5		4.8		
C10b1	C10b2	C10c1	C10			C10d4	C10d6	C10d7	C10d9				
Assoc. earth station id.	Type	Geographical or	oord. Ctr	/ Cls. / Nat.		Bmwdth	Noise	Ant. diameter	Ant. dim.				
TYPICAL-2	T			1 TG OT	gain 3		temp.		(DGSO)				
11FICHT-E	*			2 UA CP	"		300						
					C10d5a Co-	-polar an	tenna patter	'n				\neg	
C10b1 Assoc. earth station i		ar ref. pattern	Coef. A	Coef.		Coef		Coef. D	Phi	1	Co-polar rad. o	diag.	
TYPICAL-2	ND-EART										-		
Findings 2D Date of protect	tion	13A (Conformity with	RR A- N	13B1 Provi	ision 5.	353A	13B2	Remarks R	13	B3 Date of Rev	/iew	
400.0													



Assignments in MIFRPart II-S Publication





UNION INTERNATIONALE BUREAU DES RAI	DES TÉLÉCOMMUN DIOCOMMUNICATION		RNATIONAL TELECOMMUNICATION RADIOCOMMUNICATION		ÓN INTERNACIONAL DE TELECOMUNICACIONES OFICINA DE RADIOCOMUNICACIONES	© ı.T.U.
RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		CANSAT-50		PARTIE PART PARTE	II-S	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA				BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2832 / 08.11.20	16
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	CAN	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	107.3 W	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓ	114500101	
RENSEIGNEMENTS REÇUS P	AR LE BUREAU LE /	INFORMATION RECEIVED	BY THE BUREAU ON / IN	FORMACIÓN RECIBIDA POR LA	A OFICINA EL 10.04.2015	

Assignations de fréquence inscrites dans le Fichier de référence au titre de		Fre	equency assignments recorded in the Master Register under	Asignaciones de frecuencia inscritas en el Registro con arreglo al			
X	X Article 11 du Règlement des radiocommunications		Article 11 of the Radio Regulations	X	Artículo 11 del Reglamento de Radiocomunicaciones		
	Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A		
	Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B		

	e explanation of the codes or symbols used in this	Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio.
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Notice Creation, Validation

Technical Examination

Part III-S, Return of Notice, Resubmission

Findings and Recording

RESUBMISSIONS

Unfavourable findings under No. 11.32/11.32A/11.33

- No. 11.46 is applicable
 - The resubmission will retain the original date of submission, unless the resubmission is received more than 6 months after the date of which the original submission was returned
- In other words, important to resubmit within 6 months to retain the original date of submission

RESUBMISSION NOT APPLICABLE

Unfavourable finding under No. 11.31

- No. 11.46 is not applicable
- Will have a <u>new</u>
 <u>date of receipt</u>
 <u>upon</u>
 resubmission



RESUBMISSION NOT APPLICABLE

Notice Id:114512032



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Co-polar ret, pattern	COET. A		COET. B						Co-poiz	ır rad. diag.				
BR/8/88/0 Group Id.	114662	775	ع [ואי טאו	e ot receipt 13	.08.2014	U20	KKN0.4.4						
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ಜಗಗಳ Special Section														
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API/A /4865		│ │ 	5M48G7D	-	14.9		52.4	12.		-54.7		b.1	7 444111	1
CR/C /2233		2 2	1M40G7D 320KG7D		9 2. b		52.4 52.4	6.4 U.4		-54.7 -54.7		5.9 5.8		
		4	6M10G7W		15.4		52.4	13.3		-54.7		6.4		
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Assoc. earth station id.	CY002 Type		phical coord.	Utry		. Max.iso.			C7007 Int. diameter	Ant. dim.	Max. aggr.	Aggr.	Transp. b:	andwidth =
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						. Max.iso. gain		th A		Ant. dim.	Max. aggr.	Aggr.	Transp. b:	andwidth =
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Assoc. earth station id.	Type				Cls. / Nat	. Max.iso. gain	. Brnwd	th A	int . diameter	Ant. dim.	Max. aggr.	Aggr.	Transp. b:	andwidth =
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Assoc. earth station id. TYPITAL Y. 999	T T	Geogra	phical coord.	Utry	Uls. / Nat	Page /	Página :	th #	int. diameter	Ant. dim. (DUSU)	Max. aggr. pwr.	Aggr. bandwidth	Iransp. bi Aggr. ba	andwidth = andwidth
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Assoc. earth station id. TYPITAL Y. 999 TSUMPRICA REQUESEROX 3 A A74 Sat. Network CS	T T T T T T T T T T T T T T T T T T T	Geogra	phical coord.	Utry Utry	Uls. / Nat	Page /	Página :	th A	Ant. diameter Y. 4 Y. 2 Anterorre Y. Date orre	Ant. dim. (DGSU)	Max. aggr. pwr.	Aggr. bandwidth	ergoe: us	andwidth = andwidth
Assoc. earth station id. TYPITAL Y. 489 TSUMPHICA: KERNESEROX: A 748 Sat. Network TS Britan Britan Id.no. III451 C7007 Assoc. earth station	T T T T T T T T T T T T T T T T T T T	Date	ATT I	UMZGU NOTITYING K-D PRO	Uls. / Nat	Page /	Página :	th A	Y Dateotre Z Ag V Dateotre Z Agm. Sen:	Ant. dim. (DGSU)	Max. aggr. pwr.	Aggr. bandwidth	engressus	andwidth = andwidth
Assoc. earth station id. TYPITAL Y. 999 TSUMPERIOR REQUESSES ONCE A A78 Sat. Network TS Break Brid Id. no. 11951 CYURY ASSOC. Earth Station TYPITAL Y. 999	T T T T T T T T T T T T T T T T T T T	Date	phical coord.	UXZOL NOTITYING Y.D Pro	Uls. / Nat	Page /	Página :	th A	Y Date of records to Coer. D	Ant. dim. (DGSU) Oceipt 13.08.20 Ino.	Max. aggr. pwr.	Aggr. bandwidth Notice Notice SM27 BK IF	enge: us	andwidth = andwidth
Assoc. earth station id. TYPITAL Y. 489 TSUMPHICA: KERNESEROX: A 748 Sat. Network TS Britan Britan Id.no. III451 C7007 Assoc. earth station	T T T T T T T T T T T T T T T T T T T	Date	ATT I	UXZOL NOTITYING Y.D Pro	Uls. / Nat	Page /	Página :	th A	Y Date of records to Coer. D	Ant. dim. (DGSU)	Max. aggr. pwr.	Aggr. bandwidth	enge: us	andwidth = andwidth



PART III-S PUBLICATION



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

© I.T.U.

DOILE NO DEC 10	IDIO COMMINO MICHAEL	10	TO AD TO COMMISSION THE	T BOTTE TO	TOTAL DE LA DIOCOMOTION CONCEC
RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		CANSAT-50		PARTIE PART PARTE	III-S
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA				BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2832 / 08.11.2016
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	CAN	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	107.3 W	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	11451 2 032
RENSEIGNEMENTS REÇUS	CINA EL 10.04.2015				

	Assignations de fréquence retournées à l'administration notificatrice au titre de		equency assignments returned to the notifying Administration der	Asignaciones de frecuencia devueltas a la Administración notificante en virtud del			
X	X Article 11 du Règlement des radiocommunications		Article 11 of the Radio Regulations	X	Artículo 11 del Reglamento de Radiocomunicaciones		
	Article 5 des Appendices 30 et/ou 30A		Article 5 of Appendices 30 and/or 30A		Artículo 5 de los Apéndices 30 y/o 30A		
	Article 8 de l'Appendice 30B		Article 8 of Appendix 30B		Artículo 8 del Apéndice 30B		

Pour plus d'informations sur les dispositions réglementaires et										
l'explication des	codes	ou	symboles	utilisés	dans	cette				
publication, veuill	ez consu	lter	la Préface.							

For more details on the regulatory provisions and the explanation of the codes or symbols used in this publication, please consult the Preface.

Para más detalles sobre las disposiciones reglamentarias y la explicación de los códigos o símbolos utilizados en esta publicación, sírvase consultar el Prefacio.



RESUBMISSION APPLICABLE

Notice Id:115500228



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7926	MHz 79	b b	MHz	8022	MHz							
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Return of Notice Letter





(10)

Radiocommunication Bureau (BR)

Our Ref.: 11SG(SPR)O-2016-003297

Contact: Attila Matas
Telephone: +41 22 730 6105
E-mail: attila.matas@itu.int

Ministry of Information and Communications (MIC) 18, Nguyen Du Street VN - HANOI , 10000 Viet Nam

Geneva, 7 September 2016

For your reply:

Fax: +41 22 730 5785 Faxes: +84 4 35564930 E-mail: BRmail@itu.int +84 4 35564916

Subject:

Return of notice for the VIETSAT-132 satellite network

Dear Madam/Sir,

The notice of the subject satellite network or the part of it with frequency assignments which has been given an unfavourable finding is returned to your Administration in accordance with the procedure prescribed in Article 11 of the Radio Regulations. The reason for the unfavourable finding is explained below by an X in the square opposite the appropriate text.

Please note that the printed copy of the satellite network summary is no longer enclosed with this communication. However, a detailed printout of the satellite network characteristics and its findings can be generated from the BRIFIC mentioned in paragraph 1 of the Remarks. Detailed instructions for printing the related information may be found at: http://www.itu.int/en/ITU-R/space/Documents/part3s.pdf.

Yours faithfully,

Jian Wang, Chief a.i., Space Services Department

International Telecommunication Union • Place des Nations • CH-1211 Geneva 20 • Switzerland
Tel: +41 22 730 5111 • Fax: +41 22 733 7256 • E-mail: ttumail@itu.int • www.itu.int • <a href="mailto:www.itu.int • www.itu.int • <a href="mailto:www.itu.int • <a href="mailto:www.itu.int</

Dispatch date:
Sets the six months counter to request No. 11.46 resubmission, if applicable



Return of Notice Letter - summary



-2/7-

	Enclosures		
B			
	Finding(s) unfavourable with respect to No. 11.31 (see Remarks overleaf). The notice is returned according to No. 11.36 1 .	x	Cannot be resubmitted!
	Finding(s) unfavourable with respect to No. 11.32 (see Remarks overleaf). The notice is returned according to No. 11.37^2 .	х	Can be resubmitted!
	Finding(s) unfavourable with respect to No. 11.32A or 11.33 (see Remarks overleaf). The notice is returned according to No. 11.38^2 .	х	Can be resubmitted!
	Non-compliance with No. 9.1 (see Remarks overleaf).		
	IMPORTANT: 1 Please note that a notice returned under No. 11.36 cannot be resubmitted under No. 1 notice is submitted again, the notice will receive a new date of receipt and will be subj recovery fees.		

Any resubmitted notice which is received by the Bureau more than six months after the date of this letter shall be considered as a new notification with a new date of receipt (see No. 11.46) and will be subjected to cost recovery fees.

 $^{^{2}}$ In accordance with No. 11.46, a notice return under No. 11.37 or No. 11.38, according to the case, has to be resubmitted within six months from the date of the present letter in order to keep its original date of receipt.



Resubmitting after six months



Any resubmitted notice which is received by the Bureau more than six months after the date of this letter shall be considered as a new notification with a new date of receipt (see No. 11.46) and will be subjected to cost recovery fees.



Return of Notice Letter - Tables



- The finding has been promulgated in Part III-S of BRIFIC No. 2822 of 21 June 2016.
- The Bureau has examined the notice under No. 11.32A as requested by your Administration and the frequency assignments mentioned in Table 2 have been given an unfavourable finding under No. 11.32A and are being returned to your Administration under No. 11.38.

Table 2

Beam	R/E	Frequency assignment group ID	Administrations having assignments that resulted in unfavourable finding under No. 11.32A (No. 9.7)
TC1	R	115691455	CHN LUX RUS
TC1	R	115691456	CHN LUX RUS
TCK1	R	115691336	CHN RUS
TCK2	R	115691337	CHN RUS
UK2R	R	115691321	AUS CHN
UK2R	R	115691322	CHN
UK2R	R	115691323	CHN
UK2R	R	115691324	CHN
UK2R	R	115691325	CHN

Explicative text to guide Administrations through the steps it needs to follow



Preparing the Response to the Return Letter



 Always provide an update of the coordination status, indicating which agreements have been achieved

When requesting No. 11.41:

The Bureau notes that your Administration has requested for application of No. **11.41**. In this regard, the Bureau would like to draw your attention to the entry into force on 1 January 2013, of No. **11.41** as modified by WRC-12 and provision No. **11.41.2** which stipulates that:

"When submitting notices in application of No. **11.41**, the notifying Administration shall indicate to the Bureau that efforts have been made to effect coordination with those administrations whose assignments were the basis of the unfavourable findings under No. **11.38**, without success".

When No. 11.46 applies, remember the six months deadline to respond!





Notice Creation, Validation

Technical Examination

Part III-S, Return of Notice, Resubmission

Findings and Recording



Nos. 11.32A & 11.33 Examination



The examination of the probability of harmful interference under Nos. 11.32A & 11.33 is carried out when the notifying administration states that the coordination procedure could not be successfully completed for the assignments being notified



Nos. 11.32A & 11.33 Examination



Procedure of 11.32A → C/I

calculation

(the methodology is described

in Rules of Procedure)



PROCEDURE OF No. 11.32A

Notice Id:116500024



BR7a/BR7b Group id. 116612627 BR1 Date of receipt [05.01.2016] C2c RR No. 4.4 A2a Date of bringing into use [27.02.2016] A2b Period of valid. [20] A3a Op. agency [015] A3b Adm. resp. [B] BR16 Value of type C8b BR62 Expiry date for bringing into use [27.02.2016] BR63 Confirmed date of bringing into use [27.02.2016] BR64 Date of receipt of 1st Res49 [27.02.2016] BR64 Date of recei	
Page / Página 28	ezertesi. C
TSUM: Requested by: MIZEUR Date: 61.12.2016: F22.47:26 DB: SRB_ALE_MDB Plan: Id: Notice type: SEC A 1a Sat. Network CANSAT (107.3W) - L A1ff Notifying adm. CAN A1f3 Inter. sat. org. BR1 Date of receipt 05.01.2016 BR20 BR IFIC no. 283 BR6a/BR6b Id. no. 116500024 BR3a/BR3b Provision reference 11.2 N BR2 Adm. serial no. 3743	32 32
C4a Class of station EG EI C3a Assigned freq. band 14000 C4b Nature of service OT CP C6a Polarization type M C6b Polarization angle C8d1 Max. tot. peak pwr. 34 C8d2 Contiguous bandwidth 14000 C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram A5/A6 Coordinations/Agreements 9.13 0 F LUX 9.14 0 F/WAL 9.7 0 ARG AUS B F F/ESA F/EUT G LUX PAK RUS SNG USA X/9.7 X HOL INS MEX UAE	2
C2a1 Assigned frequency	
1537 MHs	
C7a C8a1/C8b1 C8a2/C8b2 C8c1 C8c2 C8c3 C8c4 C8c1 C8c2 C8c3 C8c4 C8c3 C8c4 C8c2 C8c3	
C10b1 C10b2 C10c1 C10c2 C10d1/C10d2 C10d3 C10d4 C10d6 C10d7 C10d9	
C10d5a Co-polar antenna pattern	
C10b1 Assoc. earth station id. Co-polar ref. pattern Coef. A Coef. B Coef. C Coef. D Phi1 Co-polar rad. diag. TYPICAL-2 ND-EARTH 13A Conformity with RR A- N 181 Provision 5.353A 1382 Remarks R 1383 Date of Review	

administration states that the coordination



PROCEDURE OF No. 11.32A

Notice Id:114500087

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Page no. 12 IFIC 2781 Part 1 IFIC III 2833 Part 3 Update date 09.11.2016 Finding required 3 Cost Rec. Y Provision
Date of receipt of API 13.10.2009 Flag of bringing into use
Special Section 1 No. Special Section 2 No. Special Section 3 No.
Notes
Compare id. Records Structures Frequencies Emissions Assoc. Estns Assoc. Sstns Provisions Publications Findings
BR7a/BR7b Group id. 114654725 BR1 Date of receipt 02.07.2014 C2c RR No. 4.4
A2a Date of bringing into use 09.03.2014
BR62 Expiry date for bringing into use 13.10.2016 BR63 Confirmed date of bringing into use BR64 Date of receipt of 1st Res49
BR14 Special Section
C4a Class of station EC C3a Assigned freq. band 54000 C5a Noise temperature 600
C4b Nature of service CP C6a Polarization type M C6b Polarization angle
C11a1 Service area no. 1 C11a2 Service area C11a3 Service area 13
A5/A6 C V/11.32A V F F/EUT IND KAZ RUS USA X/11.32A X HOL ISR LUX UAE
C2a1 Assigned frequency
13.842 GHz 13.902 GHz 13.962 GHz
A13 C7a C8a1/C8b1 C8a2/C8b2 C8c1 C8c2 C8c3 C8c4 C8e1 C8e2
Ref. to Special Sections Design. of emission Max. peak pwr Max. pwr dens. Min. peak pwr Attch. Min. pwr dens. Attch. C/N ratio Attch. API/A/5908 1 563KG7W 12.7 -44.8 -1.8 -59.2 5.9
CR/C/2649 2 282MG7W 9.7 -44.8 -4.9 -59.4 5.9
3 77K0G7W 6 -42.9 -8.6 -57.5 7.8 4 45K0G1W 3.7 -42.8 -10.9 -57.4 7.8
C10b1 C10b2 C10c1 C10c2 C10d1/C10d2 C10d3 C10d4 C10d7 C10d9 C8q1 C8q2 C8q3
Assoc. earth station id. Type Geographical coord. Ctry Cls. / Nat. Max. iso. Bmwdth Ant. diameter Ant. dim. Max. aggr. Aggr. Transp. bandwidth =
gain (DGSO) pwr. bandwidth Aggr. bandwidth TYPICAL-K1.2M T 1 TC CP 43 1.25 1.2
C10d5a Co-polar antenna pattern
C10b1 Assoc. earth station id. Co-polar ref. pattern Coef. A Coef. B Coef. C Coef. D Phi1 Co-polar rad. diag.
TYPICAL-K1.2M REC-580-6
Findings 2D Date of protection 13A Conformity wit RR \(\bar{\Delta}-\) \(\bar{\U}\) - \(\bar{\U}\) - \(\bar{\U}\) - \(\bar{\U}\) - \(\bar{\U}\) 13B2 Remarks 13B3 Date of Review
13C Remarks
Page no. 12 IFIC I 2781 Part 1 IFIC II/III 2833 Part 3 Update date 09.11.2016 Finding required 3 Cost Rec. Y Provision
Date of receipt of API 13.10.2009 Flag of bringing into use
Special Section 1 No. Special Section 2 No. Special Section 3 No.
Notes
Compare id. Records Structures Frequencies Emissions Assoc. Estns Assoc. Sstns Provisions Publications Findings
BR7a/BR7b Group id. 114654726 BR1 Date of receipt 02.07.2014 C2c RR No. 4.4
States)

administration states that the coordination



Nos. 11.32A & 11.32A.2 (WRC-15)



Procedure of 11.32A \rightarrow Resolution 762 (WRC-15))



Case of No. 11.35



is not in a position to conduct the examination under No.11.32A or No.11.33 (i.e. other than No. 9.7)

The Bureau shall immediately inform the notifying administration, which may then <u>resubmit</u> <u>its notice under No.11.41</u>, under the assumption that the finding under No.11.32A or No.11.33 is unfavourable.



No. 11.35 – Examination of probability of harmful interference cannot be performed



BR7a/BR7b Group id A2a Date of bringing into use BR62 Expiry date for bringing BR14 Special Section C4a Class of station C4b Nature of service C11a1 Service area no. A5/A6	28.05.20 g into use EC CP 11 9.7	28.05.20 C11a2 Service 41/9.13 41/9.7	Period of valid. C3a e area XVE X G X Egy	40 Assign C6a Pol USA ISR UT ML2	f receipt 07.1 A3a Op. agen BR63 Confirm end freq. band [larization type] J NOR S A NRU	250000	A3b Adr	C5a I	BF Noise ter	R16 Valu	re 700		eceipt of 1st i	_	
					C2a1 Ass	signed frequ	ency								1
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API/A/5666	ons		gn. of emission MOOG7W	- Ni	ax. peak pwr 7	Max. pwr		Min. peak p		Attch.	Min. pwr dens. -74.8	Attch.	C/N ratio	Attch.	1
CR/C/2524		2 7	OKOG7W		-7.5	-5	6	-26	.3		-74.8		6		_
C10b1 Assoc. earth station id.	C10b2 Type	C10 Geographic		Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso. gain	C10d4 Bmwdth		C10 Ant. dia		C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	Transp. I	8g3 bandwidth = bandwidth
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Findings 2D Date of prote	ction 01.12	2.2009 1	13A Confo vity	with RR	A- N- N-	1381 Pro	on 1	. 41		13B2	Remarks	13B3	Date of Rev		3.04.2016
13C Remarks 11.35/9.1	13; E/0712	15													
Page no IFIC	1 2812	Part 1	IFIC II/III 28	8321 P	Part 2 Li	ndate date [27.10.2	016 Fi	ndina rea	nuired [Cost F	ec 🗀	Provision		



Recording under No. 11.41



When unfavorable findings under Nos. 11.32A & 11.33, a notice can be resubmitted for recording under No. 11.41

• Administration has to indicate that performed efforts to coordinate with those Administrations for which unfavorable findings resulted in the examination under No. 11.32A, without success (No. 11.41.2)

MIFR recording (Part II-S) with an indication:

• 13A: ANN, 13B1: 11.41, A5/A6: 11.41/9.7 | X | ADM

Upon completion of coordination and in application of No. 11.41B an Administration may request BR to update the coordination status:

• 13A: **AA**-, 13B1: **empty**, A5/A6: **9.7|O|** ADM1



Example: Recording under No. 11.41 Notice Id:114500146



BR7a/BR7b Group id.	115703	3470	В	R1 Date	of receipt 07.1	2.2015	C2c	RR No. 4.4						
A2a Date of bringing into use			2b Period of val		A3a Op. age			n. resp. A		alue of type C8b				
BR62 Expiry date for bringing		28.05		_	BR63 Confin	med date of	bringing ir	to use		Bi	R64 Date of	receipt of 1st	Res49	
BR14 Special Section													_	
C4a Class of station	EC			C3a Assig	ned freq. band	25000	0	C5a	Noise tempera	ture 700				
C4b Nature of service	CP			C6a P	olarization type	L	Ē	C6b	Polarization ar	ngle 93.5				
C11a1 Service area no.	1	C11a2 Se	rvice area XVE				_				C11a3	Service area	diagram	
A5/A6 Coordinations/Agreeme		41/9.13	X G											
	9.7	41/9.7		GY ISR /EUT M	J NOR S									
		11.32A		LUX										
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BR6a/BR6b ld. no. 11450					sion reference				BR2 Adm. seri					USGN: CONTRACTOR
														-
A13 Ref. to Special Section	ne		C7a Jesign. of emissio	, I,	C8a1/C8b1 Max. peak pwr	C8a2/0 Max. pwr		C8c1 Min. peak :	DWr Attch.	C8c3 Min. pwr dens.	C8c4 Attch.	C8e1 C/N ratio	C8e2 Attch.	1
API/A/5666	113	1 1	2M00G7W		7		66	-11		-74.8	- Fasti.	6	Passeri.	┪
CR/C/2524		2	70K0G7W		-7.5		6	-26	5.3	-74.8		6		
C10b1 Assoc. earth station id.	C10b2		C10c1	C10c2 Ctry	C10d1/C10d2 Cls. / Nat.	C10d3 Max. iso.	C10d4 Bmwdth		C10d7	C10d9 Ant. dim.	C8g1	C8g2 Aggr.		C8g3 bandwidth =
ASSOC. Earth Station id.	Type	Geogra	phical coord.	City	GIS. / INAL.	gain	Diliwuuii		Ant. diameter	(DGSO)	Max. aggr. pwr.	bandwidth		bandwidth
TK045	T				1 TC CP	40.8	1.51			<u> </u>				
								tenna patter						
C10b1 Assoc. earth station in TK045		polar ref. pat *LOG (FI)	ttern C	oef. A	Coef	. B	Coe	. C	Coef. D	Ph	ni1	Co-polar rad.	diag.	
Findings 2D Date of protect					R A- N- N-	1201 De	vision 1	41	420	2 Remarks	120	3 Date of Re	diam.	
zu Date of protect	0011 02.11	2.2003	73A COIIIOIMI	sy with rer	N- N-	ISBI FIL	JVISIOII I		136	z nemana	135	o pale of Re		8.04.2016
13C Remarks 11.35/9.13	R: E/0712	215												
	, -,													
Page no IFIC I			I IFIC II/III		· <u></u>				inding required		Rec 🗀	Provision		

ADM has indicated that efforts have been made to effect coordination with the relevant ADMs, without success - No. 11.41.2



Example: Recording for information purposes only, No. 8.4



Compare id. Records Structures Frequencies Emissions Assoc. Estns Assoc. Strus Provisions Publications Fire	ndings
BR7a/BR7b Group id. 115682350 BR1 Date of receipt 07.01.2015 C2c RR No. 4.4 Y A2a Date of bringing into use 12.09.2013 A2b Period of valid. 30 A3a Op. agency 011 A3b Adm. resp. \(\bar{\Lambda}\) BR1b BR62 Expiry date for bringing into use 31.07.2016 BR63 Confirmed date of bringing into use 12.09.2013 BR64 Date of receipt of 1st Res49 BR64 Special Section	
Notice Id: 115500136 Page / Página 18	ROMON
TSUM Requested by: MDLVK Date 92 12 2016 592:23 DB: SR5_ALL MDB Plan Id: Notice type 92	
C4a Class of station EC C3a Assigned freq. band 36000 C4b Nature of service CP C6a Polarization type M C6b Polarization angle C8d1 Max. tot. peak pwr. 22 C8d2 Contiguous bandwidth 36000	
C11a1 Service area no. 1 C11a2 Service area C11a3 Service area diagram A5/46 Coordinations/Agreements	1
C2a1 Assigned frequency	1
10.97 GHz 11.01 GHz 11.05 GHz 11.09 GHz 11.13 GHz 11.17 GHz]
A13 C7a C8a1/C8b1 C8a2/C8b2 C8c1 C8c2 C8c3 C8c4 C8e1 C8e2 Ref. to Special Sections Design. of emission Max. peak pwr Max. pwr dens. Min. peak pwr Attch. Min. pwr dens. Attch. C/N ratio Attch.	
AFI/A/5786 1 20M0G7F 19.4 -54.5 17.5 -56.4 7.9 CR/C/2830 2 29M6G7F 20.5 -53.4 20.5 -53.4 10.9 3 5M80G7F 11.5 -55.2 9.7 -57 10.9	
C10b1 C10b2 C10c1 C10c2 C10d1/C10d2 C10d3 C10d4 C10d6 C10d7 C10d9 Assoc, earth station id. Type Geographical coord. Ctry Cts, / Nat. Max. iso. Bmwdth Noise Ant. diameter Ant. dim.	1
C10d5a Co-polar antenna pattern	
C10b1 Assoc. earth station id. Co-polar ref. pattern Coef. A Coef. B Coef. C Coef. D Phi1 Co-polar rad. diag. TYPICAL-0.9 REC-580-6	
Findings 2D Date of protection 13A Conformity with RR N 13B1 Provision 8.5 13B2 Remarks 13B3 Date of Review	
13C Remarks	

ADM has requested No. 4.4, Non conforming assignment under No. 8.4, it is recorded into MIFR for information purposes only, under No. 8.5



Comments/Objections to coordination status in Part-IS, Part-IIS or Part-IIIS



Inquiry/clarification process will be initiated for the following conditions
--

i) Notifying administration indicated coordination agreement has been obtained while objecting administration indicated that coordination agreement has not been obtained

and

ii) The frequency assignments to which the objecting administration objects are subject to a coordination procedure under Section II of Article 9

and

iii) The objecting administration is considered an affected administration for those frequency assignments the objecting administration indicated as coordination agreement has not been obtained



Summary



 The notification process from the notice creation, through Part I-S publication, the technical examination and the final recording was presented

Some helpful tips:

- Notice validation without fatal errors minimizes delays in publication/examination
- Monitor IFIC publications
- When difficulties occur, do not hesitate to contact us in BRMAIL@itu.int





Thank you!

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