



ITUWRS

GENEVA2024

2-6 December 2024
Geneva, Switzerland



BRINGING INTO USE OF GSO AND NGSO SATELLITE NETWORKS

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2-6 December 2024, Geneva, Switzerland

BIU/BBIU

What is bringing (back) into use, suspension of use and RES40?

Procedure

When and how to submit?

Information

Where to find the information?

No. 13.6

What should you provide in case under BR verification?

BIU/BBIU

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Mission of the ITU-R

Rational, equitable, efficient,
economical Use of the radio
frequency spectrum



Inefficiently Used Spectrum/Orbital Position

Multiple filings submissions,
Fictitious recorded assignments

THE EVOLUTION OF REGULATION

WRC-12

- › Definition of the bringing into use for GSO
- › Request of clarification under No. **13.6**

WRC-15

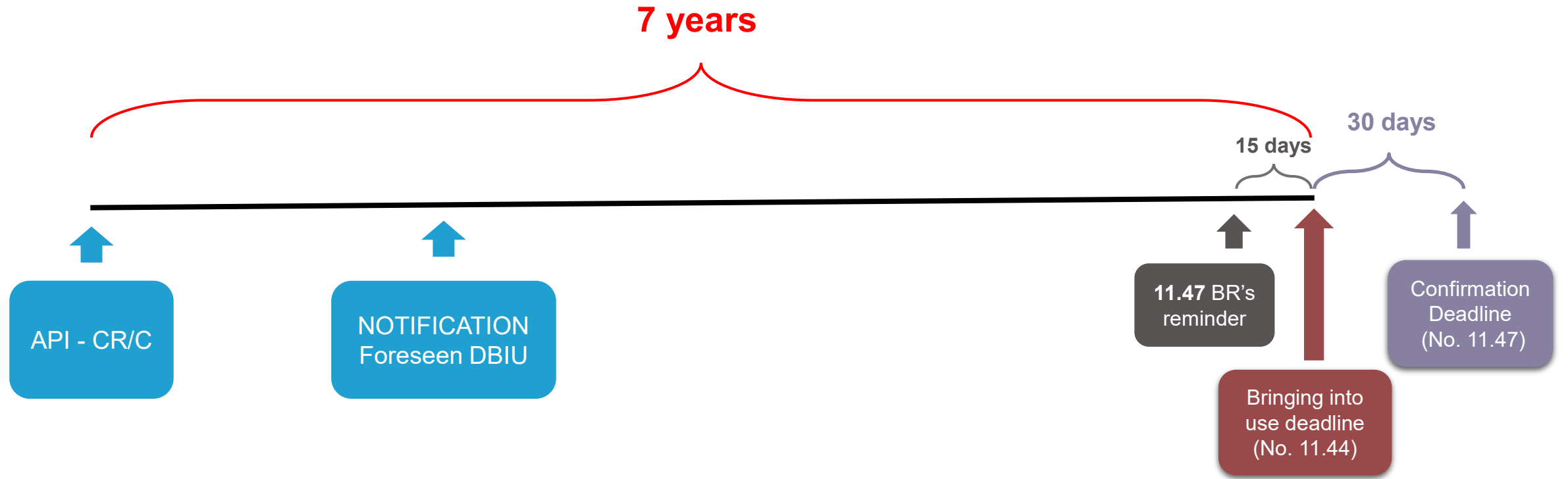
- › Penalty for late suspension information
- › Satellite hopping - Resolution **40**
- › Request of clarification under No. **13.6**

WRC-19

- › Definition of the bringing into use for NGSO
- › Constellation deployment - Resolution **35**

WRC-23

- › Post-milestone procedure - Resolution **35**
- › Tolerance for NGSO orbital characteristics - Resolution **8**



BIU and BBIU	GSO	NGSO In FSS, MSS, BSS	NGSO Not in FSS, MSS, BSS Ref. body is Earth	NGSO Not in FSS, MSS, BSS Ref. body is not Earth
BRINGING INTO USE No. 11.47	No. 11.44B RES40 applies 90 days period	No. 11.44C 90 days period	No. 11.44D	No. 11.44E
SUSPENSION and BRINGING BACK INTO USE No. 11.49, Period = 3 years	No. 11.49.1 RES40 applies 90 days period	No. 11.49.2 90 days period	No. 11.49.3	No. 11.49.4

For NGSO: at least one space station being deployed

For earth station, the date of BIU should not earlier than associated space station

BIU and BBIU	GSO	NGSO In FSS, MSS, BSS	NGSO Not in FSS, MSS, BSS Ref. body is Earth	NGSO Not in FSS, MSS, BSS Ref. body is not Earth
BRINGING INTO USE No. 11.47	No. 11.44B RES40 applies 90 days period	No. 11.44C 90 days period	No. 11.44D	No. 11.44E
No. 11.47 BR's reminder	BIU limit - 15 days	BIU limit - 15 days	BIU limit - 15 days	BIU limit - 15 days
No. 11.47 confirmation deadline	BIU limit + 30 days	BIU limit + 30 days	BIU limit + 30 days	BIU limit + 30 days
No. 11.44B.3/11.44C.5 reminder	BIU + 90 days + 15 days	BIU + 90 days + 15 days		
SUSPENSION and BRINGING BACK INTO USE No. 11.49, Period = 3 years	No. 11.49.1 RES40 applies 90 days period	No. 11.49.2 90 days period	No. 11.49.3	No. 11.49.4
No. 11.49 BR's reminder	BBIU limit - 90 days	BBIU limit - 90 days	BBIU limit - 90 days	BBIU limit - 90 days
No. 11.49 confirmation deadline	BBIU limit + 30 days	BBIU limit + 30 days	BBIU limit + 30 days	BBIU limit + 30 days
No. 11.49.1A/11.49.2A reminder	BBIU + 90 days + 15 days	BBIU + 90 days + 15 days		

SUSPENSION OF USE

(No. 11.49, AP30/30A/5.2.10, AP30B/8.17)

SUSPENSION

- For a period of 3 years
- Inform the BR no later than **6 months** from the date of suspension
- Penalty for late suspension notice
- **Publication in a PART II-S and on the web**

RESUMPTION

- Information shall be communicated not later than 30 days after the end of suspension
- BBIU procedure like BIU procedure
- Resolution **40** for GSO
- **Publication in a PART II-S and on the web**

Penalty for late submission = Reduction of the 3-year suspension period by the delay of notification of the suspension (day to day reduction after 6 months)

Example:

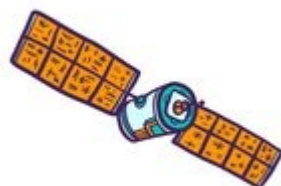
Date of suspension is 01.01.2022 -> should notify BR before 01.07.2022

Date of notification of suspension = 01.07.2023

Penalty = 1 year

The date limit of resumption is 01.01.2024 instead of 01.01.2025

Bringing (back) into use of GSO satellite networks at different orbital locations using one space station.



Position 1



position 2

Inform if the space station has previously been used within the last 3 years.

- Last orbital location used for BIU/BBIU
- Satellite network associated at the previous position
- The date on which it was not longer at the previous position

Bringing (back) into use will be accepted only if information requested by the Resolution 40 are provided

BIU/BBIU

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No. 13.6

What should you provide in case under BR verification?

Notification of the DBIU - provided in the Notification submission (appendix 4 information)

- No more than 3 years from date of Notification (No. **11.25**, *AP30/30A/5.1.3, AP30A/5.1.7, AP30B/8.1*)
- No later than 7 years from the date of receipt of the API/CR (No. **11.44**) / *8 years (Plan)*
- Within 5 years from the date of the notification of the modification (No. **11.43A**)
- DBIU is a foreseen date, if DBIU is later than the date of receipt of the notice
- Provisional entry in the Master Register (No. **11.47**)

Confirmation of the DBIU - provided by correspondence to the Bureau

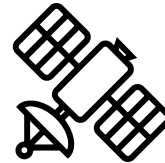
- Space Station - Actual DBIU shall be communicated no later than 30 days after the 7-year regulatory deadline
- Earth Station - Actual/modified DBIU shall be communicated no later than 30 days after the notified DBIU
(Not earlier than the corresponding DBIU for the associated space station)

Short Duration Mission (RES 32)

- Submission of the Notification after the launch, but no later than 2 months after the date of BIU
- Late notification will lead to a remark in the MIFR that the assignments are not in conformity with § 4 of the Annex to Resolution 32
- DBIU = date of the (first) launch

Notification of the Date of BIU

provided in the Notification submission
(appendix 4 information)



Confirmation of the Date of BIU

provided by correspondence to the Bureau

BIU/BBIU

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WHERE TO FIND THE INFORMATION



PUBLICATION (BRIFIC)

- In PART II-S of the BRIFIC
- The only official information



SPACE SERVICES WEBPAGE

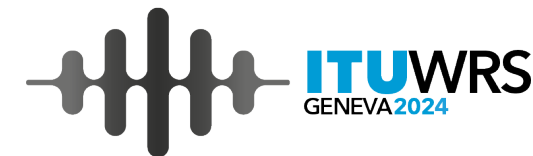
- List of frequency assignments brought into use
- For information only
- Some information not yet verified by the Bureau



SRS DATABASE (BRIFIC)

- Information for each group: grp table
- Fields d_inuse and f_biu

PUBLICATIONS IN THE BRIFIC – BIU(1)



Publication in PART II-S:

In each group

		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				CHINASAT-ROUTE8				PARTIE PART PARTE	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA				---				BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE				CHN		LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL		125 E	
NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN				116500088 / 114500042					
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL									
05.01.2016									

Assignations de fréquence inscrites dans le Fichier de référence au titre de		Frequency assignments recorded in the Master Register under		Asignaciones de frecuencia inscritas en el Registro con arreglo al	
X	Article 11 du Règlement des radiocommunications	X	Article 11 of the 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

BR7a/BR7b Group id. 116641119		BR1 Date of receipt 05.01.2016		C2c RR No. 4.4	
A2a Date of bringing into use 09.04.2013		A2b Period of valid. 30		A3a Op. agency 037	
A3b Adm. resp. A		BR16 Value of type C8b		BR64 Date of receipt of 1st Res49	
BR62 Expiry date for bringing into use 26.02.2014					
BR63 Confirmed date of bringing into use 09.04.2013					
BR14 Special Section					
C4a Class of station EC		C3a Assigned freq. band 40000		C5a Noise temperature 650	
C4b Nature of service CP		C6a Polarization type M		C6b Polarization angle	
C11a1 Service area no. 1		C11a2 Service area		C11a3 Service area diagram 1	
A5/A6 Coordinations/Agreements 11.41/9.7 X O INS J RUS AUS G KOR PNG SNG THA TON USA VTN					
C2a1 Assigned frequency					
5870	MHz	5990	MHz	6110	MHz
5910	MHz	6030	MHz	6150	MHz
5950	MHz	6070	MHz	6190	MHz
6230	MHz	6270	MHz	6310	MHz
6350	MHz	6390	MHz	6430	MHz
6470	MHz	6510	MHz	6550	MHz
6590	MHz	6630	MHz	6670	MHz
6705	MHz				
A13 Ref. to Special Sections					
API/A /4516		C7a Design. of emission 1 2M00G7W--			
CR/C /2066		C8a1/C8b1 Max. peak pwr 20.2			
		C8a2/C8b2 Max. pwr dens. -42.1			
		C8c1 Min. peak pwr 2.2			
		C8c2 Atch.			
		C8c3 Min. pwr dens. -60.1			
		C8c4 Atch.			
		C8e1 C/N ratio 10.8			
		C8e2 Atch.			
C10b1 Assoc. earth station id.		C10b2 Type		C10c1 Geographical coord.	
TYPICAL-5.3		T		C10c2 Ctry	
				C10d1/C10d2 Cls. / Nat.	
				C10d3 Max. iso. gain	
				C10d4 Bmwdth	
				C10d7 Ant. diameter	
				C10d9 Ant. dim. (DGSO)	
				C8g1 Max. aggr. pwr.	
				C8g2 Aggr. bandwidth	
				C8g3 Transp. bandwidth = Aggr. bandwidth	
C10d5a Co-polar antenna pattern					
C10b1 Assoc. earth station id.		Co-polar ref. pattern		Coef. A	
TYPICAL-5.3		REC-580-6		Coef. B	
				Coef. C	
				Coef. D	
				Phi1	
				Co-polar rad. diag.	
Findings 2D		Date of protection 26.08.2007		13A Conformity with RR A- N- N-	
13B1 Provision 11.41		13B2 Remarks		13B3 Date of Review	
13C Remarks E/050116					

PUBLICATIONS IN THE BRIFIC – BIU(2)



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				PARTIE PART PARTE		
NORSAT-1				II-S		
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA				BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA		
---				3025 / 09.07.2024		
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE		LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN		
NOR		NGSO		116500198		
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL				09.01.2024		
Confirmation de la date de mise en service des assignations de fréquence inscrites provisoirement dans le Fichier de référence, au titre du		Confirmation of the date of bringing into use of frequency assignments provisionally recorded in the Master Register, under		Confirmación de la fecha de puesta en servicio de las asignaciones de frecuencia inscrites con carácter provisional en el Registro Internacional de Frecuencias, con arreglo al		
X	Numéro 11.47 du Règlement des radiocommunications	X	No.11.47 of the Radio Regulations	X	No.11.47 del Reglamento de Radiocomunicaciones	
	§ 5.2.8 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.8 of Article 5 of Appendices 30 and/or 30A		§ 5.2.8 del Artículo 5 de los Apéndices 30 y/o 30A	
	§ 8.16 de l'Article 8 de l'Appendice 30B		§ 8.16 of Article 8 of Appendix 30B		§ 8.16 del Artículo 8 del Apéndice 30B	
Assignations de fréquence inscrites dans le Fichier de référence		Frequency assignments recorded in the Master Register		Asignaciones de frecuencia inscrites en el Registro		
Suspension de l'utilisation au titre du		Suspension of use under		Suspensión de la utilización con arreglo al		
	Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations		No.11.49 del Reglamento de Radiocomunicaciones	
	§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A		§ 5.2.10 del Artículo 5 de los Apéndices 30 y/o 30A	
	§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B		§ 8.17 del Artículo 8 del Apéndice 30B	
Remise en service au titre du		Resumption of use under		Reanudación de la utilización con arreglo al		
	Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations		No.11.49 del Reglamento de Radiocomunicaciones	
	§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A		§ 5.2.10 del Artículo 5 de los Apéndices 30 y/o 30A	
	§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B		§ 8.17 del Artículo 8 del Apéndice 30B	

Publication under No. 11.47:

Confirmation of the BIU of provisional recorded assignments

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	BR47 Frequency band (MHz)	A2a Date of bringing into use
UPLS	R	116697895	2025.1665 – 2025.1835	14.07.2017
DOWNLS	E	116697896	2200 – 2204	14.07.2017


Space Network List (SNL)

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The Space Network List (SNL) is a list of basic information concerning planned or existing space stations, earth stations and radio astronomy stations. It includes sections on Advanced Publication Information, coordination requests, notifications, Plans information and their related processing backlog. More information can be found in the [Circular Letter 232](#). Also, The Bureau would appreciate receiving [your comments](#).

SNL Part A gives information on the use of the frequency spectrum, the occupancy of the geostationary orbit and non-geostationary orbit. SNL Part B gives information on all reference publications (special sections and PARTs) related to the space services. SNL Part C gives information on pending networks - received but not yet published by the Bureau. To obtain more detail information on a network, please consult [SNS-online](#).

 The collection of the BR WIC and BR IFIC Space Services is purchasable on DVD ROM

Space Services Department

News

Space Support

BR IFIC

Preface

Cost Recovery

Space Plans

Databases and Services

SNL

SNS

Recent


FREQUENCY USE - ORBIT OCCUPANCY (PART-A)

- List of space networks by frequency bands and orbital position

REPORTS

- Quarterly publication (download)
- ITU BR Annual Space Report on the use of the GSO and other orbits
- ITU-R Contribution to the Report on the Long-term sustainability of outer space activities

REFERENCE PUBLICATIONS (PART-B)

- Query by general publication references
- Query by Special Section name
- Query by group of Special Sections
- Definition of the Special Sections: 

SATELLITE NETWORK INFORMATION

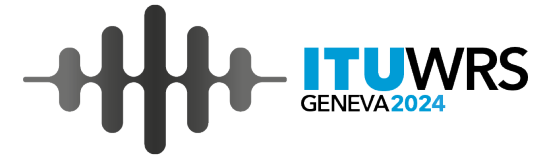
- Bringing into use
- Suspension
- Change of names
- Change of notifying admini
- Removal of obsolete API a
- Resolution 40

Information provided by Administrations (officially only in IFIC)

- Status of the bringing into use
- Planned and non-planned bands
- <http://www.itu.int/net/ITU-R/space/sn/listinuse/index.asp>

Notice ID (SNS)	Satellite Name (SNL Part B)	ADM	ORG	Long_nom	Date of bringing into use	Status	Expiry Date for Bringing Into Use	Provision
up down	up down	up down		up down	up down	up down	up down	up down
111500243	CSDRN-M	RUS		95	06.02.2019	N	06.02.2019	11.2
118500194	DFH-5-01A	CHN		94.2	01.09.2018	I	16.09.2018	11.2
118500200	INMARSAT-KA 83.5E	G		83.5	08.08.2017	C		11.2
118560006	MEASAT-91.5E-BSS	MLA		91.5	08.03.2019	N	08.03.2019	5.1.2
117500301	NEW DAWN 34	PNG		85	29.10.2017	C		11.2
118500072	N-SAT2-93E	J		93	15.12.2018	N	15.12.2018	11.2
118560010	NSS-BSS 100E	HOL		100	03.08.2018	C		5.1.2
118560011	NSS-BSS 100E	HOL		100	03.08.2018	C		5.1.6
118500185	SE-KA-83.5E	NOR		83.5	08.08.2017	C		11.2
118500045	USLL-PAC3	USA		92	20.11.2017	C		11.2
118500046	USLL-PAC4	USA		100	17.01.2018	C		11.2

INFORMATION IN SRS DATABASE (BRIFIC) - BIU

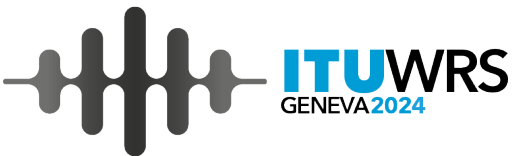


Information SRS DATABASE (BRIFIC):

- Information for each group: grp table
- Fields d_inuse and f_biu

grp_id	ntc_id	emi_rcp	beam_name	noise_t	d_rcv	d_prot_eff	d_reg_limit	d_inuse	f_biu	fdg_reg	fdg_plan	fdg_tex	area
123667694	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667695	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667696	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667697	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667698	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667699	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667700	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667701	123500120	R	KAU1	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667702	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667703	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667704	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667705	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667706	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667707	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667708	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667709	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667710	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667711	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667712	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667713	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667714	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667715	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667716	123500120	R	KAU2	560	12.05.2023	07.03.2018	07.03.2025	14.07.2022	C	A-	N-	N-	
123667717	123500120	R	KAU3	549	12.05.2023	19.07.2018	19.07.2025	14.07.2022	C	A-	N-	N-	
123667718	123500120	R	KAU4	549	12.05.2023	19.07.2018	19.07.2025	14.07.2022	C	A-	N-	N-	

PUBLICATIONS IN THE BRIFIC - SUSPENSION



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		CTDRS-1-80E		PARTIE PART PARTE	II-S
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	3026 / 23.07.2024
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	CHN	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	80 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	108501266
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					15.01.2024

Confirmation de la date de mise en service des assignations de fréquence inscrites provisoirement dans le Fichier de référence, au titre du	Confirmation of the date of bringing into use of frequency assignments provisionally recorded in the Master Register, under	Confirmación de la fecha de puesta en servicio de las asignaciones de frecuencia inscrites con carácter provisional en el Registro Internacional de Frecuencias, con arreglo al
Numéro 11.47 du Règlement des radiocommunications	No.11.47 of the Radio Regulations	No.11.47 del Reglamento de Radiocomunicaciones
§ 5.2.8 de l'Article 5 des Appendices 30 et/ou 30A	§ 5.2.8 of Article 5 of Appendices 30 and/or 30A	§ 5.2.8 del Artículo 5 de los Apéndices 30 y/o 30A
§ 8.16 de l'Article 8 de l'Appendice 30B	§ 8.16 of Article 8 of Appendix 30B	§ 8.16 del Artículo 8 del Apéndice 30B

Assignations de fréquence inscrites dans le Fichier de référence	Frequency assignments recorded in the Master Register
Suspension de l'utilisation au titre du	Suspension of use under
X Numéro 11.49 du Règlement des radiocommunications	X No.11.49 of the Radio Regulations
§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A	§ 5.2.10 of Article 5 of Appendices 30 and/or 30A
§ 8.17 de l'Article 8 de l'Appendice 30B	§ 8.17 of Article 8 of Appendix 30B
Remise en service au titre du	Resumption of use under
Numéro 11.49 du Règlement des radiocommunications	No.11.49 of the Radio Regulations
§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A	§ 5.2.10 of Article 5 of Appendices 30 and/or 30A
§ 8.17 de l'Article 8 de l'Appendice 30B	§ 8.17 of Article 8 of Appendix 30B

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	BR47 Frequency band (MHz)	BR81 Date of suspension of use	BR83 Date limit of resumption of use
KRR	R	108672759	25370 - 26870	31.07.2023	31.07.2026
		108672760	25255 - 26985	31.07.2023	31.07.2026
KUD	R	110636956	29815 - 29945	31.07.2023	31.07.2026
		110636957	29740 - 29800	31.07.2023	31.07.2026
KUT	R	110636958	29610 - 29630	31.07.2023	31.07.2026
		110636959	29650 - 29730	31.07.2023	31.07.2026
		110636960	29575 - 29605	31.07.2023	31.07.2026
		110636961	29734 - 29736	31.07.2023	31.07.2026
SRR	R	108672767	2210 - 2290	31.07.2023	31.07.2026
KDD	E	110636949	20090 - 21190	31.07.2023	31.07.2026
		110636950	19975 - 20025	31.07.2023	31.07.2026
		110636951	19930 - 19950	31.07.2023	31.07.2026
KDT	E	110636952	19770 - 19790	31.07.2023	31.07.2026
		110636953	19810 - 19890	31.07.2023	31.07.2026
		110636954	19735 - 19765	31.07.2023	31.07.2026
		110636955	19909 - 19911	31.07.2023	31.07.2026
KFR	E	108672755	22935 - 23465	31.07.2023	31.07.2026
		108672756	22935 - 23465	31.07.2023	31.07.2026
KOR	E	108672757	22999 - 23541	31.07.2023	31.07.2026
SFR	E	108672758	2030 - 2110	31.07.2023	31.07.2026

Publication under No. 11.49:

Date of suspension of use
Date of limit of resumption of use

PUBLICATIONS IN THE BRIFIC - RESUMPTION



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE		AUSSAT F 156E		PARTIE PART PARTE	II-S
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	3026 / 23.07.2024
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	AUS	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	156 E	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	122500122
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					16.02.2024

Confirmation de la date de mise en service des assignations de fréquence inscrites provisoirement dans le Fichier de référence, au titre du		Confirmation of the date of bringing into use of frequency assignments provisionally recorded in the Master Register, under		Confirmación de la fecha de puesta en servicio de las asignaciones de frecuencia inscritas con carácter provisional en el Registro Internacional de Frecuencias, con arreglo al	
	Numéro 11.47 du Règlement des radiocommunications		No.11.47 of the Radio Regulations		No.11.47 del Reglamento de Radiocomunicaciones
	§ 5.2.8 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.8 of Article 5 of Appendices 30 and/or 30A		§ 5.2.8 del Artículo 5 de los Apéndices 30 y/o 30A
	§ 8.16 de l'Article 8 de l'Appendice 30B		§ 8.16 of Article 8 of Appendix 30B		

Assignations de fréquence inscrites dans le Fichier de référence		Frequency assignments recorded in the Master Register	
Suspension de l'utilisation au titre du		Suspension of use under	
	Numéro 11.49 du Règlement des radiocommunications		No.11.49 of the Radio Regulations
	§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A
	§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B
Remise en service au titre du		Resumption of use under	
X	Numéro 11.49 du Règlement des radiocommunications	X	No.11.49 of the Radio Regulations
	§ 5.2.10 de l'Article 5 des Appendices 30 et/ou 30A		§ 5.2.10 of Article 5 of Appendices 30 and/or 30A
	§ 8.17 de l'Article 8 de l'Appendice 30B		§ 8.17 of Article 8 of Appendix 30B

Résumé / Summary / Resumen / 綜述 / Резюме / خلاصة

B1a Beam designation	B2 Emi-Rcp	BR7a Group id.	BR47 Frequency band (MHz)			BR78 Date of resumption of use
KAAUG1U	R	122672579	27500	-	28500	16.11.2023
		122672580	28500	-	29500	16.11.2023
		122672581	29500	-	30000	16.11.2023
		122672582	27500	-	28500	16.11.2023
		122672583	28500	-	29500	16.11.2023
		122672584	29500	-	30000	16.11.2023
		122672585	27500	-	28500	16.11.2023
		122672586	28500	-	29500	16.11.2023
		122672587	29500	-	30000	16.11.2023
		122672588	27500	-	28500	16.11.2023
		122672589	28500	-	29500	16.11.2023
		122672590	29500	-	30000	16.11.2023
KAAUG2U	R	122672591	27500	-	28500	16.11.2023
		122672592	28500	-	29500	16.11.2023
		122672593	29500	-	30000	16.11.2023
		122672594	27500	-	28500	16.11.2023
		122672595	28500	-	29500	16.11.2023
		122672596	29500	-	30000	16.11.2023
		122672597	27500	-	28500	16.11.2023
		122672598	28500	-	29500	16.11.2023
		122672599	29500	-	30000	16.11.2023
		122672600	27500	-	28500	16.11.2023
		122672601	28500	-	29500	16.11.2023
		122672602	29500	-	30000	16.11.2023

Publication under No. 11.49:

Date of resumption of use

INFORMATION ON THE WEB - SUSPENSION

Space Network List (SNL)

YOU ARE HERE: HOME > ITU-R > SPACE SERVICES > SNL

Space Services Department

News

Space Support

BR IFIC

Preface

Cost Recovery

Space Plans

Databases and Services


SNL

SNS

Recent

The Space Network List (SNL) is a list of basic information concerning planned or existing space stations, earth stations and radio astronomy stations. It includes sections on Advanced Publication Information, coordination requests, notifications, Plans information and their related processing backlog. More information can be found in the [Circular Letter 232](#). Also, The Bureau would appreciate receiving [your comments](#).

SNL Part A gives information on the use of the frequency spectrum, the occupancy of the geostationary orbit and non-geostationary orbit. SNL Part B gives information on all reference publications (special sections and PARTs) related to the space services. SNL Part C gives information on pending networks - received but not yet published by the Bureau. To obtain more detail information on a network, please consult [SNS-online](#).

 The collection of the BR WIC and BR IFIC Space Services is purchasable on DVD ROM


FREQUENCY USE - ORBIT OCCUPANCY (PART-A)

- List of space networks by frequency bands and orbital position

REPORTS

- Quarterly publication (download)
- ITU BR Annual Space Report on the use of the GSO and other orbits
- ITU-R Contribution to the Report on the Long-term sustainability of outer space activities

REFERENCE PUBLICATIONS (PART-B)

- Query by general publication references
- Query by Special Section name
- Query by group of Special Sections
- Definition of the Special Sections: 

SATELLITE NETWORK INFORMATION

- Bringing into use
- Suspension
- Change of names
- Change of notifying administration
- Removal of obsolete API and CR
- Resolution 40

Information provided by Administrations (officially only in IFIC)


- Status of the suspension
- Planned and non-planned bands
- History with date of resumption
- <https://www.itu.int/net/ITU-R/space/snl/list1149/index.asp>

Notice ID (SNS)	Satellite Name (Link to SNL)	ADM	ORG	Long_nom	Status	Type	Date of receipt of the suspension	Date of suspension	Date limit for the resumption	Date of resumption of operation	Provision
up down	up down	up down		up down	up down			up down	up down		up down
117500252	KYPROS- APHRODITE-2	CYP		90	S	T	02.04.2018	28.12.2017	28.12.2020		11.49
105500223	DRTS-90.75E	J		90.75	S	T	26.01.2018	31.07.2017	31.07.2020		11.49
112500244	N-SAT-90.75E	J		90.75	S	T	26.01.2018	31.07.2017	31.07.2020		11.49
115500060	FYGEOSAT-99.5E	CHN		99.5	R	T	19.06.2017	18.05.2017		13.05.2018	11.49
316500227	MEASAT-1A	MLA		91.5	S	P	14.04.2017	15.03.2017	15.03.2020		11.49
115500060	FYGEOSAT-99.5E	CHN		99.5	R	T	16.11.2015	22.05.2015		11.12.2016	11.49
113500084	JMCS-93E	J		93	R	T	14.05.2015	19.11.2014		25.02.2017	11.49
113500113	N-SAT-93E	J		93	R	T	14.05.2015	19.11.2014		25.02.2017	11.49
111500243	CSDRN-M	RUS		95	R	P	24.12.2012	29.11.2012		28.04.2014	11.49

INFORMATION ON THE WEB – RES40

- Information on use of already in-orbit satellite
- Planned and non-planned bands
- http://www.itu.int/net/ITU-R/space/snl/sat_relocation/index.asp
- Form available on-line

▶ [Form to submit Resolution 40 data to the Bureau](#)

RESOLUTION 40 (WRC-15)
Use of one space station to bring frequency assignments to geostationary-satellite networks at different orbital locations into use within a short period of time
Satellite network for which frequency assignments have been brought into use, or brought back into use after suspension:

	APN items	
Identity of the Satellite Network	A.1.a	
Notifying Administration	A.1.f.1	
Nominal Orbital Position	A.4.a.1	
Date of bringing into use (Or bringing back into use after suspension)	A.2.a	

The bringing into use, or bringing back into use after suspension has been accomplished with a space station that has previously been used to bring into use, or resume the use of, frequency assignments at a different orbital location within the three years prior to the date of submission of this information.

	YES	NO
a) Last orbital location where the space station was used to bring into use, or resume the use of, frequency assignments	<input checked="" type="radio"/>	<input type="radio"/>
b) Satellite network(s) with which the frequency assignments in a) above were associated		
c) The date on which the space station was no longer maintained at the orbital location in a) above		

Form to be sent by the Administration to bmail@itu.int.

Satellite name	ADM	ORG	Orbital position	DBIU	Provisions	satellite relocation	Previous orbital position	Previous associated satellite network	Date relocated
up down	up down		up down	up down					
USGAE-6M	USA		-120	01.11.2015	11.2	NO			
USABSS-30	USA		-110	30.12.2015	5.1.2/5.1.6	NO			
MEXSAT113 L-CEXT-X	MEX		-113	02.10.2015	11.2	NO			
GIBSAT-129W	G		-129	19.08.2015	11.2	YES	-103	USASAT-24F, USASAT-35H	08.07.2015
CANSAT(107.3W)-XKA	CAN		-107,3	28.06.2015	11.2	NO			
CANSAT(107.3W)-L	CAN		-107,3	10.01.2016	11.2	YES	-106,5	MSAT	04.10.2015

BIU/BBIU

What is bringing (back) into use, suspension of use and RES40?

Procedure

When and how to submit?

Information

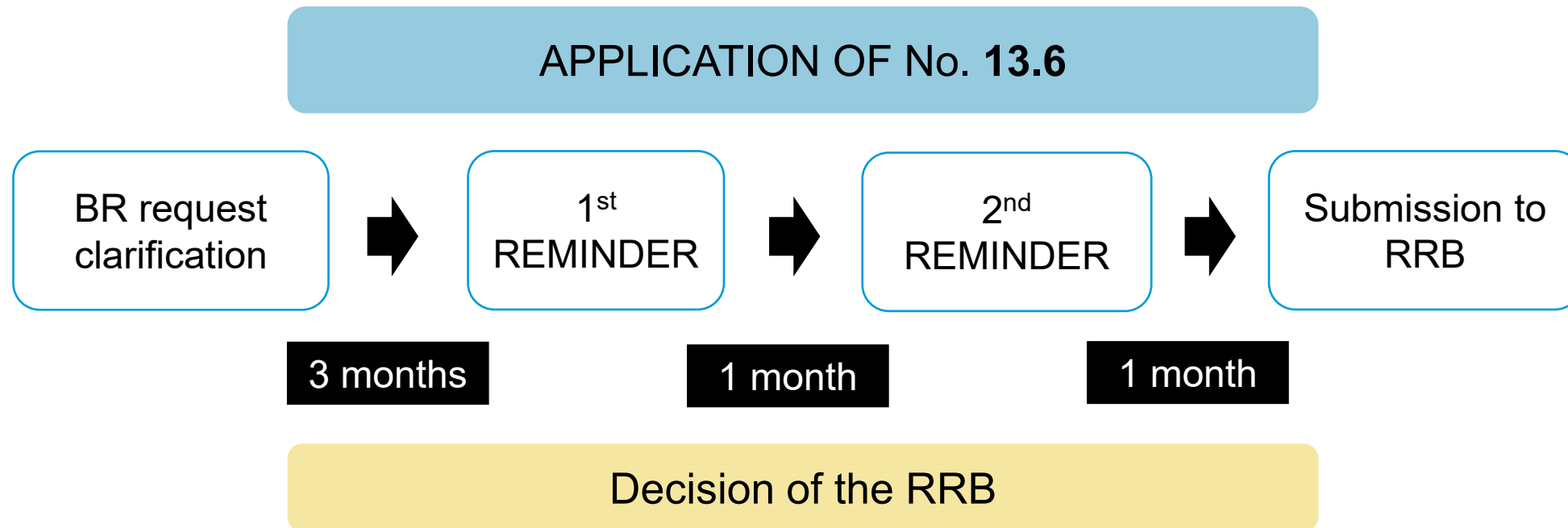
Where to find the information?

No. 13.6

What should you provide in case under BR verification?

From reliable available information:

Not brought into use (**11.44.3**, **11.44B.1**, **11.44C.2**, **11.44D.2** and **11.44E.1**),
no longer in use



Recorded frequency assignments will continue to be taken into account by the Bureau when conducting its examinations until the Board's decision

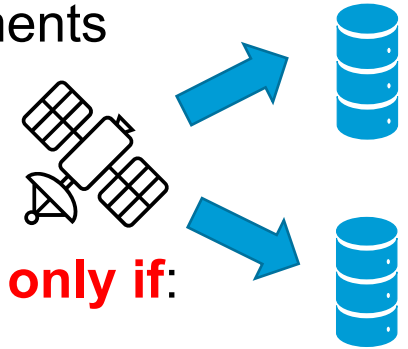
GSO

Position: ± 0.5 degree

Frequency bands: capability of receiving/transmitting the notified assignments

Extend to all filings of the ADM at the same orbital position

Single satellite not used simultaneously at different orbital positions



Note: A single satellite can be used for several networks at different orbital positions **only if:**

- Position: ± 0.5 degree
- No overlapping bandwidth

See RoP concerning the simultaneous bringing into use of multiple geostationary satellite networks with a single satellite (approved in the 89th meeting of the RRB)

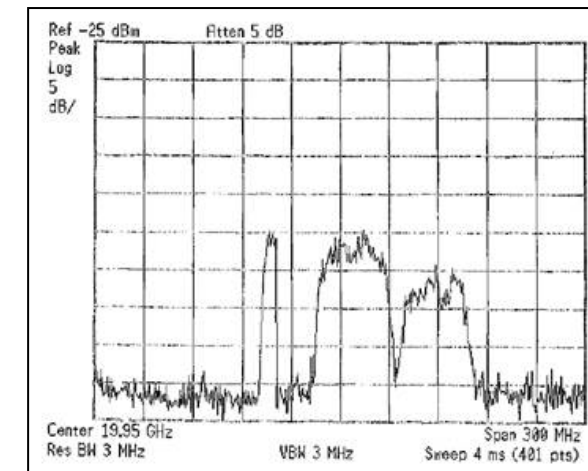
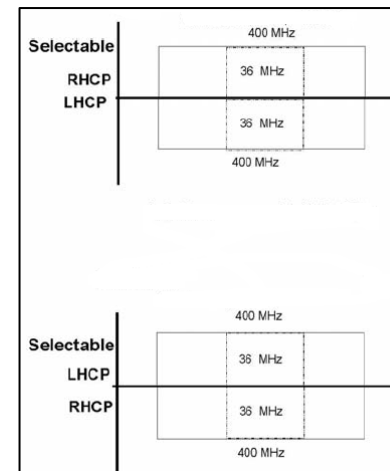
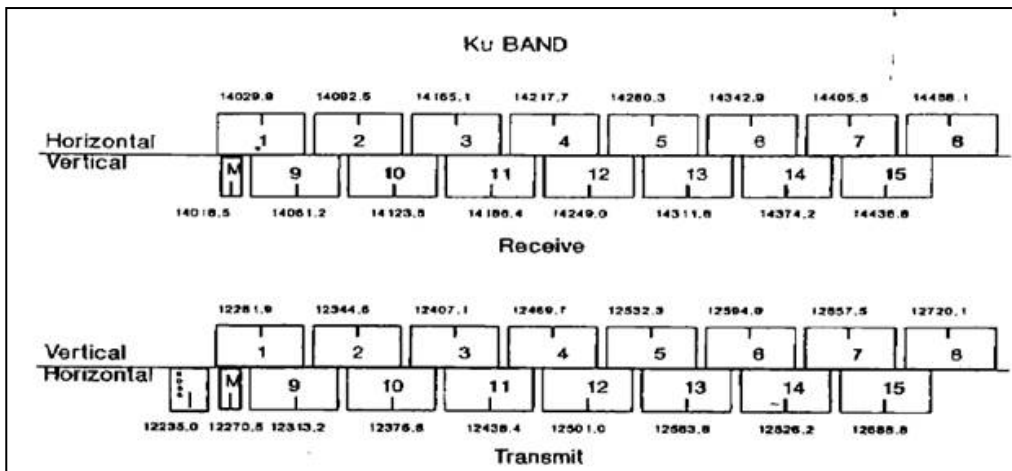
NGSO

Orbital parameters

Frequency bands: capability of receiving/transmitting the notified assignments

Single satellite not used simultaneously for several satellite systems with different orbital parameters

Administration should respond as completely as practicable (Minutes of **WRC-15**)
Evidence to be provided for the whole frequency range



In case of disagreement: Decision of the RRB

An overview of the regulatory framework concerning the bringing (back) into use and suspension.

Precise and complete regulation:

WRC-19 -> complete framework for NGSO BIU/BBIU

WRC-19/23 -> RES35 milestone of NGSO deployment

WRC-23 -> RES8 NGSO orbital tolerance information

Thank you!

ITU – Radiocommunication Bureau

Questions to brmail@itu.int or xueling.zhang@itu.int



ITUWRS

GENEVA2024

2-6 December 2024
Geneva, Switzerland

