



# BR IFIC and Preface

*Presented by :*

*ITU (International Telecommunication Union)*

*BR-Space Services Department*

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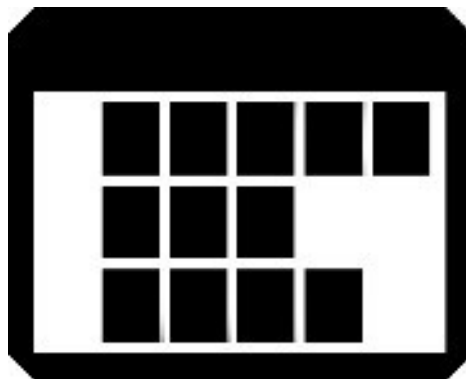


**ITSO/ITU Workshop on Satellite Communications**

**AFRALTI, Nairobi-KENYA, 8-12 August 2016**

# Before 2000

Papers and Microfiche for the publication of  
the Weekly Circular





- RESOLUTION 30 (WRC-97) instructs BR to initiate the introduction of a CD-ROM format for the publication of the Weekly Circular
- In Circular Letter CR/134 dated 22 December 1999, the Bureau informed administrations of the development of a new CD-ROM publication, the BR International Frequency Information Circular BR IFIC (Space services) as of BR IFIC 2410/11.01.2000
- Due to the substantial increase of the volume of information to be published, the technological progress and software evolution and to provide more relevant and useful information to administrations, the Bureau has changed the format of the BR IFIC (space services) from CD-ROM to DVD-ROM as of BR IFIC 2710/10.01.2012
- From 2014, *a secure web based distribution* of the BR IFIC (Space services), in a compressed **ISO image file format**, is offered by the Bureau



# BR IFIC Description / 1

- The BR *International Frequency Information Circular* (Space services) (BR IFIC) is a service document in DVD-ROM format, published once *every two weeks* by the Bureau in accordance with provision Nos. 20.2 to 20.6 and No. 20.15 of the Radio Regulations (RR)
- As from BR IFIC 2410 of 11 January 2010, the BR IFIC (Space services) *represents the sole publication format for Space services*, for submissions under the relevant provisions and Resolutions of the Radio Regulations including Articles 9 and 11, and Appendices 30, 30A and 30B of the Radio Regulations
- The BR IFIC represents an official acknowledgement of receipt, in terms of **No. 11.28 of the RR (PART I-S)**, as far as the frequency assignments to the Space services are concerned, as well as a statutory publication of the particulars of frequency assignments to the Space services which are recorded in the Master Register pursuant to the relevant provisions of the RR (**PART II-S**), or returned to administrations as a result of unfavorable findings (**PART III-S**)

# BR IFIC Description / 2

- BR IFIC DVD-ROM (Space services) *include the following data files:*
  - ificxxxx.mdb
  - SPS ALL xxxx.mdb together with examination results
  - 30B xxxx.mdb together with examination results
  - SpaceCom draft data
- The complete Space Radiocommunication Stations (SRS) reference database and the complete graphical data (GIMS) related to satellite networks are now available on the new BR IFIC DVD-ROM (Space services).
  - NOTE - Users are no longer requested to make an incremental update of its “local” SRS and GIMS database using the ificxxx.mdb and gupdate.mdb
- The BR IFIC DVD-ROM (Space services) is also used to distribute software developed by the Bureau relating to the electronic notification and carrying out validation and technical examination, especially SpaceCap, SpaceVal, SpacePub, SpaceQry, SpaceCom, GIMS, Appendix 7, GIBC, SPS and SAM.



# BR IFIC Main Features

- *All publications are in 6 languages* of the Union (originally from 10.01.2000 in English, French, Spanish and as of 01.01.2005 also in Arabic, Chinese and Russian language)
- Starting with BR IFIC 2548/12.07.2005, all BR IFIC publications (Parts and Special sections) contains a mark - *ITU logo at the bottom right of each page*  
- this mark shall identify an official ITU publication:



- NOTE:  
The only official regulatory reference for coordination/ consultation between the administrations is the corresponding Part or Special section contained in PDF format in the BR IFIC DVD-ROM



# Ific.mdb

- The ificxxxx.mdb file (MS Access format), published on the BR IFIC, is located in the Databases\IFIC\_data directory.

This file contains TSUM data of:

- Part-IS, Part-IIS and Part-IIIS;
- Special Sections:
  - API/A (as of IFIC 2464/05.03.2002)
  - CR/C (as of IFIC 2460/24.01.2002)
  - CR/F (as of 1.6.2012)
  - RES49 (as of IFIC 2553/20.09.2005)

Of satellite networks which are present in the Table Of Contents of the BR IFIC.

<http://www.itu.int/en/ITU-R/space/Pages/brificMain.aspx>





# SRS Database

- The srs.mdb file (MS Access format) published on the BR IFICxxxx (Space services) DVD-ROM is located in the Databases\SRS\_Data directory
- This file contains complete alphanumeric information relating to *satellite networks and Earth stations recorded* in the Master International Frequency Register (MIFR) in accordance with Article 11 or in the process of *coordination*, in accordance with Section II of Article 9 or published under the advance publication of information procedure (*API*) in accordance with Section I of Article 9 of the RR as well as Administrative *Due Diligence* (Resolution 49)
- The information in the *srs.mdb is a snapshot of the MIFR* taken at the time the BR IFICxxxx DVD-ROM was produced
- The SRS database structure is described in detail in Section III, Chapter 1 of the Preface



# GIMS Database

- The Bureau now publishes the *complete GIMS reference database* (REFDB) on each BR IFIC
- With the DVD-ROM (from 2013 onwards), the previous GIMS incremental update process is now obsolete
- GIMS users can choose whether to leave *REFDB* on the master folder, i.e. the DVD-ROM, or to work with a local copy on their PC
- REFDB *Automatic Update*
  - Every time GIMS needs to connect to a local REFDB copy it checks in the master folder to see if a newer version of REFDB is available.
  - If the master folder is not accessible, which can frequently happen when it is located on the BR IFIC DVD-ROM, the local copy is considered up to date. Otherwise GIMS compares the local and master copies to decide whether an update is required.



# Space Plan Data

- *Data for Planned Space Networks* (Appendices 30, 30A & 30B)
- The technical characteristics and reference situation (*EPM*) for Planned networks can be found in the
  - /data/SpacePlans/SPS/ directory for AP30&30A
  - /data/SpacePlans/AP30B/ directory for AP30B
- The *MSPACEg output database* for each network can be found in the /data/SpacePlans/MSPACEg\_results/ directory. This database (MS-Access) contains the detailed results of MSPACE calculation.



# List of information "**as received**"

- Resolution 55 (rev WRC-12) instructs the Radiocommunication Bureau
- to make available coordination requests and notifications, "**as received**", on its BR IFIC DVD-ROM, within 30 days of receipt, and also on its website - SNL Part C
  - <http://www.itu.int/ITU-R/space/snl/>
- Note: This advance version of the information received from the Administrations is not to be confused with the official publication of the relevant Part or Special section, which is yet to occur.



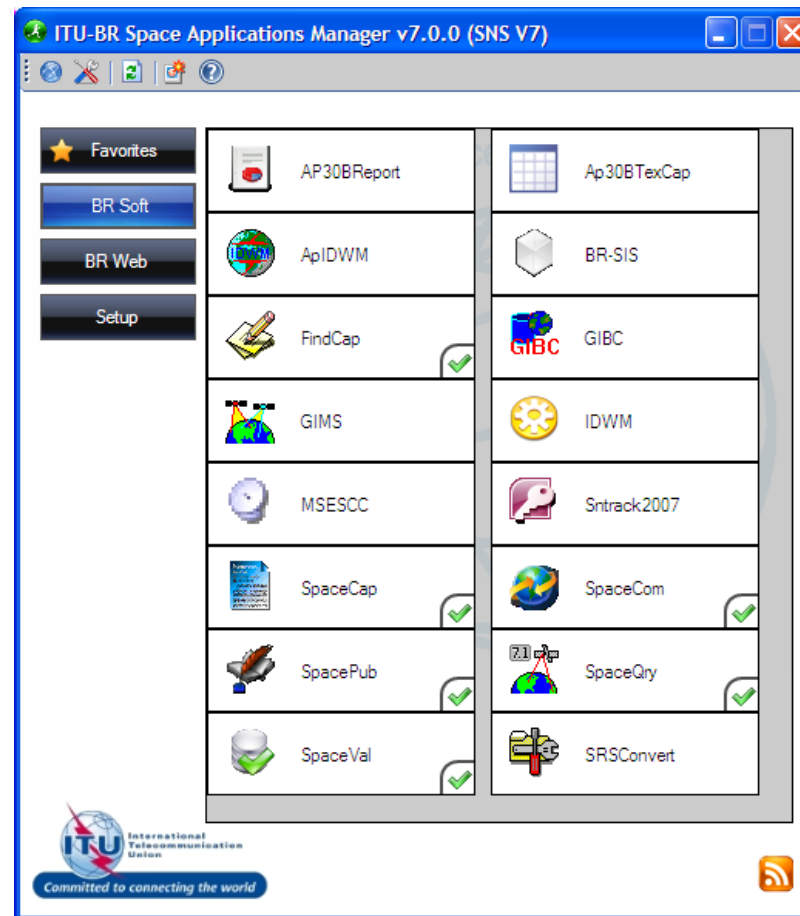
# Space Networks List - SNL

## Quarterly Report

- The Space Network List (SNL) is a list of basic information concerning planned or existing space stations, Earth stations and radio astronomy stations.
- On a quarterly basis, the complete Space Networks List (SNL) is annexed to the BR IFIC (Space Services) DVD-ROM.
- It contains 14 sections and has been prepared with a view to informing Administrations in a comprehensive manner of planned or existing space stations and Earth stations giving
- information on the use of the frequency spectrum;
- the occupancy of the geostationary orbit, as well as;  
on non-geostationary orbits.
- To facilitate further technical analysis, each Section is also provided as a delimited text file (\*.CSV)
- SNL online <http://www.itu.int/ITU-R/space/snl/>



# BR IFIC (Space Services) – BRsoft



# Annual BR WIC and BR IFIC (Space services) Collection on DVD

- ALL reference Special Sections and PARTs related to Space services in PDF format as of *WIC 639/16.02.1965* (SAT 1 Special section)
- It contains PART I-S published from the year 2000
- It contains all PART II-S and PART III-S published from the year 1993
- It contains *CR/C publication with the TSUM* accessible by a link in the bookmark of the corresponding publication



# Annual BR WIC and BR IFIC (Space services) on DVD-ROM

- From year 2005 this DVD-ROM is issued once a year
- New features
  - *6 Language* option ( E/F/S/A/C/R)
- Quarterly update of the Annual publication database (SNL Quarterly Report - Part B)
- For more information see: CR/235
- Sales info - Publication notice 373
- The complete collection 1965 to 2015 – 5 082 CHF
- Annual collection – 500 CHF





# BR IFIC (Space Services) Main Menu

BR IFIC 2801

International Frequency  
Information Circular  
(Space Services)

18.08.2015



BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

SNS - Removal





# BR IFIC Publications (Main)

## BR IFIC 2801

International Frequency  
Information Circular  
(Space Services)

18.08.2015



BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

Special Sections

-- ALL --

AP30B/A6B

API/A

API/B

CR/C

CR/D

CR/F

Parts I-S, II-S, III-S

-- ALL --

PART I-S

PART II-S

PART III-S

Administrations

-- ALL --

AFS

ALG

AUS

B

CAN

CHN

SNS - Removal

Print instructions

### BR IFIC PUBLICATIONS – TABLE OF CONTENTS

Print current list

Print publications in current list

Print Table of Contents

SPECIAL SECTION / PART	PLAN PART	RESPONSIBLE ADMINISTRATION		NAME OF THE SPACE STATION	ORB. POS.	NAME OF THE ASSOCIATED EARTH STATION	IDENTIFICATION NUMBER
		ADM.	INTERG. ORG.				
AP30B/A6B/89 MOD-1		KAZ		KAZSAT-30B-58.5E	58.5		110559035
API/A/8501 MOD-1		IND		INSAT-KU77.1E	77.1		113540394
API/A/8685 MOD-2		USA		USASAT-80A	-50		113540557
API/A/9869 MOD-1		QAT		QATARSAT-G3-19	73.5		115540025
API/A/9870 MOD-1		QAT		QATARSAT-G3-20	77.5		115540026
API/A/9874 MOD-1		QAT		QATARSAT-G3-24	99		115540030
API/A/9935 MOD-1		CHN		ASIASAT-71R	71		115540091
API/A/9937 MOD-1		CHN		ASIASAT-118R	118		115540093
API/A/10116 SUP		RUS		GONETS-D1M	NGSO		115540247
API/A/10523		ALG		ALSAT-1B	NGSO		115545046

# BRIFIC (Space Services) for download from the web – ISO image

- From 2014, BR offers *a secure web based distribution* of the BR IFIC (Space services) in a compressed ISO image file format.
- URL: <http://www.itu.int/pub/R-SP-LN.IS>
- Provides access to the BR IFIC (Space services) publications and data after download, without any delay, on the BR IFIC publication date and offers *a secure local reproduction* of the BR IFIC (Space services) DVD-ROM
- ISO image will be the *exact copy* of the BR IFIC (Space services) on DVD-ROM
- a SHA-1 checksum file will also be posted to provide to all users an unambiguous verification that the downloaded BR IFIC (Space services)
- This is a *complementary service* to the current publication and distribution of the BR IFIC (Space services) on DVD-ROM.



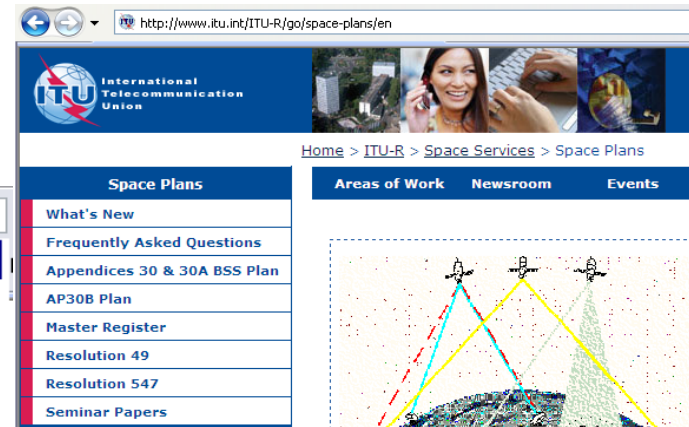
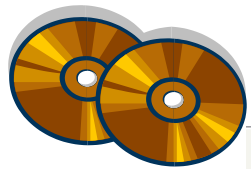
# What to do with the BR IFIC DVD?



# What to do on issue of a BR IFIC?

How to see details  
on publications  
when my  
Administration is  
concerned?

- Is my Administration identified as affected by the Bureau's examination in publications?
- Are my Administration's networks published?
- Are my Administration's new submission published "As received"?



BR IFIC Publications

Databases

As received (Res.55)

Preface

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BR Software

BR Circular Letters

SNS - Removal

## What may my Administration do ?

☉ My Administration has networks submitted under process.

☉ I'm a "NOTIF ADM"

☉ My Administration has networks already published and/or plans to be protected.

☉ I can be an "AFFECTED ADM"



## Resolution 55 (Rev. WRC-07)

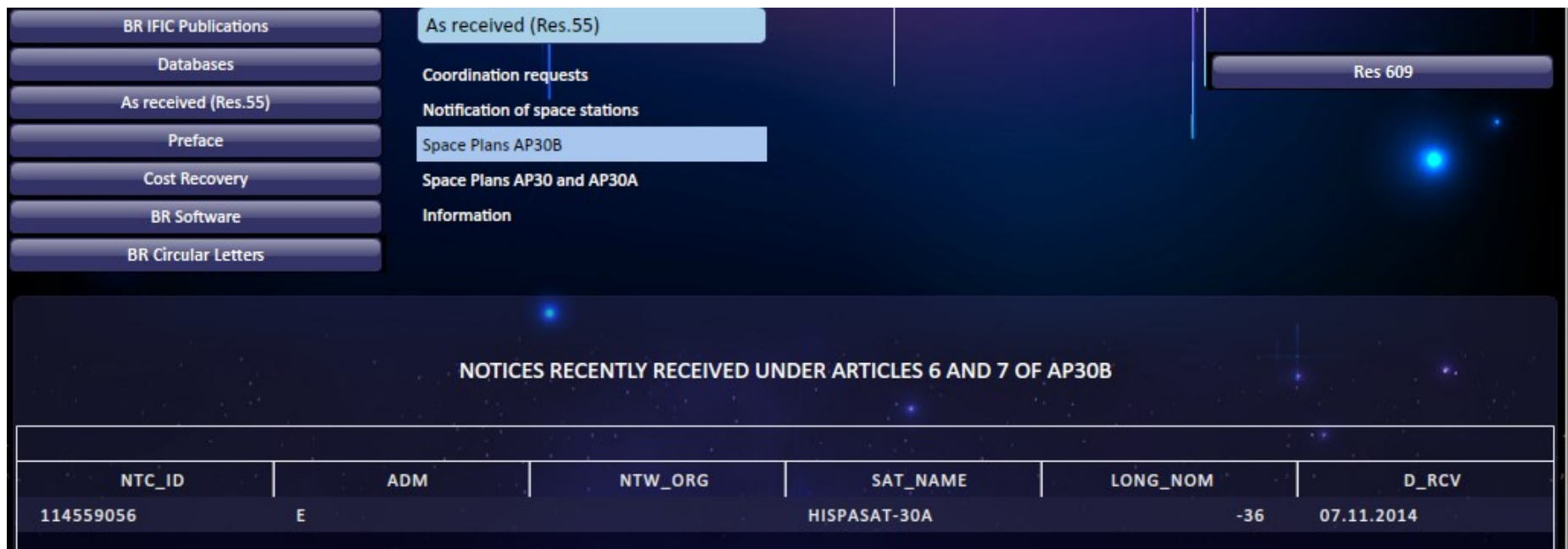
*instructs the Radiocommunication Bureau*

to make available coordination requests and notifications referred to in *resolves* 1, “as received”, on its BR International Frequency Information Circular CD-ROM, within 30 days of receipt, and also on its website;

### Recommended actions:

For NOTIF ADM → is my submission received?

For AFFECTED ADM → taking note of new submissions



The screenshot shows the BR IFIC Publications website interface. On the left is a vertical navigation menu with buttons for: BR IFIC Publications, Databases, As received (Res.55), Preface, Cost Recovery, BR Software, and BR Circular Letters. The main content area has a sub-menu with: As received (Res.55), Coordination requests, Notification of space stations, Space Plans AP30B (highlighted), Space Plans AP30 and AP30A, and Information. A 'Res 609' button is visible in the top right. Below the navigation, a section titled 'NOTICES RECENTLY RECEIVED UNDER ARTICLES 6 AND 7 OF AP30B' contains a table with the following data:

NTC_ID	ADM	NTW_ORG	SAT_NAME	LONG_NOM	D_RCV
114559056	E		HISPASAT-30A	-36	07.11.2014

BR IFIC Publications  
Databases  
As received (Res.55)  
Preface  
Cost Recovery  
BR Software  
BR Circular Letters

Special Sections  
-- ALL --  
AP30B/A6B  
API/A  
API/B  
**CR/C**  
CR/D  
CR/F

Parts I-S, II-S, III-S  
-- ALL --  
PART I-S  
PART II-S  
PART III-S

Administrations  
-- ALL --  
ALG  
CAN  
CHN  
F  
G  
PNG

SNS - Removal

Print instructions

BR IFIC PUBLICATIONS – TABLE OF CONTENTS

Print current list  
Print publications in current list  
Print Table of Contents

SPECIAL SECTION / PART	PLAN PART	RESPONSIBLE ADMINISTRATION		NAME OF THE SPACE STATION	ORB. POS.	NAME OF THE ASSOCIATED EARTH STATION	IDENTIFICATION NUMBER
		ADM.	INTERG. ORG.				
CR/C/3771		UAE		MADAR-57W	-57		115520044
CR/C/3772		UAE		MADAR-81W			
CR/C/3773		G		INMARSAT-4B 64E			
CR/C/3774		UAE		MADAR-45W			
CR/C/3775		PNG		NEW DAWN 45			
CR/C/3776		PNG		NEW DAWN 46			
CR/C/3777		RUS		YAMAL-183E			
CR/C/3778		CHN		ASIASAT-122T			
CR/C/3779		UAE		MADAR-50.5E-2			
CR/C/3780		CAN		CANSAT-67			
CR/C/3781		F		F-SAT-N4-113W			

UNION INTERNATIONALE DES TELECOMMUNICATIONS  
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	<b>F-SAT-N4-113W</b>	SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>CR/C/3781</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA	---	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	<b>2801 / 18.08.2015</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>F</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>113 W</b>
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL			<b>10.03.2015</b>

Cette demande de coordination, reçue par le Bureau des radiocommunications en vertu du numéro 9.30 du Règlement des radiocommunications, a été examinée au titre des numéros 9.35 et 9.36 et est publiée conformément au numéro 9.38. Elle est subordonnée au type de coordination indiqué dans la colonne de gauche par un X dans la case pertinente.

This request for coordination, received by the Radiocommunication Bureau pursuant to No. 9.30 of the Radio Regulations, has been examined under Nos. 9.35 and 9.36 and is published in accordance with No. 9.38. It is subject to the form of coordination indicated in the left-hand column by an X in the relevant box.

Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N°s 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado en la columna de la izquierda con una X en la casilla correspondiente.

Type de coordination mentionné dans le Tableau I / Form of coordination referred to in Table I / Forma de coordinación mencionada en el cuadro I			
X 9.7 9.7A 9.7B X AP30B#7.1 X AP30A#7.1 RS639 RS33#3	Conformément aux numéros 9.50 à 9.52 du Règlement des radiocommunications, les Administrations identifiées dans le Tableau I ci-après sont priées de communiquer leur décision à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous.	In accordance with Nos. 9.50-9.52 of the Radio Regulations, the Administrations identified in Table I below are requested to communicate their decision to the Responsible administration and the Bureau by the deadline indicated below.	De conformidad con los N°s 9.50-9.52 del Reglamento de Radiocomunicaciones, se solicita a las administraciones señaladas en el cuadro I a continuación que comuniquen su decisión a la administración responsable y a la Oficina antes del plazo indicado más abajo.
Type de coordination mentionné dans le Tableau II / Form of coordination referred to in Table II / Formulario de coordinación remitido al cuadro II			
X 9.11 X 9.11A 9.12 9.12A X 9.13 X 9.14 9.21/A 9.21/B 9.21/C RS33#2.1	Les Administrations, énumérées ou non-énumérées dans le Tableau II ci-après, qui n'acceptent pas la demande de coordination au titre des numéros 9.11 à 9.14, 9.21 et RS33#2.1, sont priées de communiquer leurs observations à l'Administration responsable et au Bureau avant la date limite indiquée ci-dessous. Toute Administration qui ne réagira pas au titre du numéro 9.52 avant cette date limite sera considérée comme n'étant pas défavorablement influencée et, dans les cas couverts par les numéros 9.11 à 9.14 et RS33#2.1, les dispositions des numéros 9.48 et 9.49 s'appliqueront.	Administrations listed or not listed in Table II below, which do not agree to the request for coordination under Nos. 9.11 to 9.14, 9.21 and RS33#2.1 are requested to communicate their comments to the responsible administration and the Bureau by the deadline indicated below. Any administration not responding under No. 9.52 within this deadline shall be regarded as unaffected and, in the cases of Nos. 9.11 to 9.14 and RS33#2.1, the provisions of Nos. 9.48 and 9.49 shall apply.	Se invita a las administraciones, enumeradas o no en el cuadro II, que no estén de acuerdo con la solicitud de coordinación de conformidad con los N°s 9.11 a 9.14, 9.21 y RS33#2.1 que comuniquen sus observaciones a la administración responsable y a la Oficina dentro del plazo indicado más abajo. Se considerará que toda administración que no responda de conformidad con el N° 9.52 dentro del plazo señalado, no está afectada y, en el caso de los N°s 9.11 a 9.14 y RS33#2.1, se aplicarán las disposiciones de los N°s 9.48 y 9.49.

DATE LIMITE POUR LA DÉCISION / EXPIRY DATE FOR DECISION / FECHA LÍMITE PARA LA DECISIÓN

**18.12.2015**

Recommended actions:

For NOTIF ADM ➔ checking TSUM, findings, exam results, BR Notes...

For AFFECTED ADM ➔ is my Adm identified as affected?

➔ is my territory in the Service area...

Tableau II / Table II / Cuadro II / 表二 / Таблица II / جدول II

Disposition / Provision / Disposición / 条款 / Положение / الحكم		Administrations susceptibles d'être défavorablement influencées (à titre d'information uniquement, voir numéro 9.36.1)	Potentially affected administrations (for information only, see No. 9.36.1)
		可能受影响的主管部门(仅供参考, 见第 9.36.1 款)	Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)
X	9.11		
X	9.11A		
	9.12		
	9.12A		
X	9.13	AUS, CAN, E, G, LIE, NOR, PNG, USA	
X	9.14	ARG*, ATG, AUS/NFK, B*, BAH, BLZ, BOL, BRB*, CAN*, CHL/PAQ, CHL*, CLM, CTR, CUB*, DMA, DNK/GRL, DOM, G/MSR, G/PTC, G/TCA, G/VRG, GRD, GTM, GUY, HND/SWN, HND, HOL/ABW, HOL/BES, HOL/CUW, HOL/SXM, H NRU, NZL/CKH, NZL/NIU, NZL/TKL, NZL*, PNR, PRG*, PRU, RUS, SLM, SLV, SMO, SUR, TON, <b>TRD</b> , TUV, URG*, USA/MDW, USA/PLM, USA/PTR*, USA/SMA, USA/VIR*, USA/WAK, USA*, VCT, VEN, VUT	

9.21/A <sup>1</sup>		B1a	B2	BR7a	GHz	Administrations susceptibles d'être défavorablement influencées au titre du N° 9.14 潜在的受干扰的主管部门 9.14				Potentially affected administrations under No. 9.14 Администрации, потенциально затрагиваемые согласно № 9.14					Administra
9.21/B <sup>1</sup>		Beam designation	Emi-Rcp	Group id.											14.1
9.21/C <sup>1</sup>															
RS33#2.1		B2R	E	115637616	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637617	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637618	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637619	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637620	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637621	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637622	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
				115637623	11	ARG	AUS/NFK	B	CAN	CHL	DNK/GRL	FJI	FSM	G/FLK	KIR
		DSR	E	115637726	2	ARG	ATG	AUS/NFK	B	BAH	BLZ	BOL	BRB	CAN	CHL/PAQ
						CUB	DMA	DNK/GRL	DOM	FJI	FSM	G/AIA	G/BER	G/CYM	
						G/PTC	G/TCA	G/VRG	GRD	GTM	GUY	HND/SWN	HND	HOL/ABW	HOL/BES
						JMC	KIR/PHX	KIR	KNA	LCA	MEX	MHL	NRG	NRU	NZL/CKH
						PNR	PRG	PRU	RUS	SLM	SLV	SMO	SUR	TON	TRD
						USA/HWA	USA/HWL	USA/JAR	USA/JON	USA/MDW	USA/PLM	USA/PTR	USA/SMA	USA/VIR	USA/WAK

**TRD**

Recommended actions:

**Within 4 months!**

For NOTIF ADM → analyzing findings and identification for coordination process!

For AFFECTED ADM → Analyzing, COMMENTING, sending decision ...



**BR IFIC Publications**

- Databases**
- As received (res.55)
- Preface
- Cost Recovery
- BR Software
- BR Circular Letters

**Databases**

- IFIC
- SRS
- AP30\_30A
- AP30B
- GIMS
- SpaceCom**

**SpaceCom**

- Draft AP30\*D
- Draft CR/D

Res 609

*This info is available on BR IFIC only!!!*

The Bureau requests Administrations listed below to kindly inform it of any additional comments concerning disagreements under **Nos. 9.11 to 9.14, 9.21 and RS33 § 2.1** received from administrations, by updating accordingly the database using SpaceCom software and return it to the Bureau by electronic mail ([brmail@itu.int](mailto:brmail@itu.int)).

**DVD-ROM\Databases\SpaceCom\draft\_CRD**

ADM	Sat_Name	CRC_No	Mod	IFIC_No / Date	SpaceCom_database File name
E	HISPASAT-17A	3535		2773/08.07.2014	IFIC2773_BR_CRC3535.mdb
IRN	IRANSAT-61.5E	3152	1	2772/24.06.2014	IFIC2772_BR_CRC3152M1.mdb

Recommended actions:

For NOTIF ADM → Completing/Validating the draft List

For AFFECTED ADM → Checking your comments are included



BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

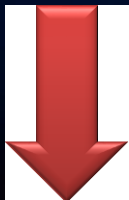
Cost recovery

Free entitlement

Invoices issued

Overdue invoices

SNS - Removal



## BR IFIC 2783 / 25.11.2014

The following is a list of all invoices that have been issued to date in 2012-2014 for the cost recovery of satellite network filings:  
On trouvera ci-après une liste de toutes les factures qui ont été établies à ce jour pour 2012-2014 dans le cadre du recouvrement des coûts des fiches de notifications des réseaux à satellite :

El siguiente cuadro es una lista de todas las facturas que han sido establecidas hasta la fecha para 2012-2014, para la recuperación de costos de tramitación de las notificaciones de redes de satélite:

以下為2012-2014年迄今為止開具的所有與有關的衛星網絡申報成本回收發票一覽表:

Нижке представлен список всех счетов, выставленных по настоящее время в течение 2012-2014 года, для возмещения расходов на регистрацию спутниковых сетей:

يرد فيما يلي قائمة بجميع الفواتير الصادرة حتى اليوم في 2012-2014 لاسترداد تكاليف معالجة بطاقات التبليغ عن الشبكات الساتلية والمستنقعة:

Last update / Dernière mise à jour / Última puesta al día / 最近更新日期 / Последнее обновление / التحين الأخير في: 17.11.2014

A1f1 Adm	A1f3 Org	A1a Satellite name	Co1 Category	Co2a Invoice No	Co2b Invoice Date	Co2c Invoice Due Date	Co2d Invoice Amount
ALG		ALCOMSAT-24.8W	C2	6100010739	20.06.2013	20.12.2013	24,620.00
ARG		BUGSAT-1	A1	6100013123	23.07.2014	23.01.2015	570.00
ARG		BUGSAT-1	A1	6100013835	12.06.2014	12.12.2014	570.00
ARM		ARMSAT1	C2	6100010198	25.04.2013	25.10.2013	24,620.00
ARM		ARMSAT-30B-71.4E	P4	6100009416	14.02.2013	14.08.2013	25,350.00
ARS		ARABSAT 5D-17E	C1	6100008191	04.10.2012	04.04.2013	16,360.00
ARS		ARABSAT 7D-7.5E	C1	6100008195	04.10.2012	04.04.2013	16,360.00
ARS		ARABSAT 8J-39E	C3	6100011430	03.10.2013	03.04.2014	33,467.00
ARS		ARABSAT 7A-30.5E	C1	6100008192	04.10.2012	04.04.2013	16,360.00
ARS		SAUDISAT-4	A1	6100012862	17.03.2014	17.09.2014	570.00
ARS		SAUDISAT-5	A1	6100012861	17.03.2014	17.09.2014	570.00

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Recommended actions:

For NOTIF ADM → contacting ITU for payment...

For AFFECTED ADM → for info only



# The Preface (Space Service)

Distributed in the BRIFIC DVD is the **Preface** (Space Services) in six languages (English, French, Spanish, Arabic, Chinese and Russian) or download it from:

<http://www.itu.int/ITU-R/go/space-preface/en>



Radiocommunication Sector (ITU-R)

**RADIOCOMMUNICATION BUREAU**

## **PREFACE**

**TO THE BR INTERNATIONAL FREQUENCY INFORMATION CIRCULAR  
BR IFIC (Space Services)**



# The Preface (Space Service)

- *Contains 4 Sections*
  - Section I - General
  - Section II - Description of the BR IFIC and the Space Radiocommunication Stations (SRS)
  - Section III - Description of the Space Networks System (SNS)
  - Section IV - Reference Tables



# The Preface (Space Service)

## SECTION II - Description of the BR IFIC and the Space Radiocommunication Stations (SRS) on DVD

- Chapter 1 - BR IFIC (Space Services)
  - Definition of the BR IFIC
  - Part I-S, Part II-S and Part III-S
  - Appendix and Annex to the BR IFIC
  - The Special Sections - **currently in use**
  - The Special Sections – discontinued
- Chapter 2 - Cover pages of the Part I-S, II-S, III-S and the Special Sections currently in use
- Chapter 3 – SRS description



# The Preface (Space Service)

## SECTION III - Space Networks System (SNS)

- Chapter 1 - Details relating to the contents of the SNS data items published in Part I-S, II-S, III-S and the Special Sections of the BR IFIC

## SECTION IV - Reference Tables

- Table 1A - Codes Designating Notifying Administrations
- Table 1B - Codes Designating Countries or Geographical Areas
- Table 2 - Intergovernmental satellite organizations
- Table 3 - Class of Station (data item *C4a*)
- Table 4 - Nature of Service (data item *C4b*)
- Table 5 - Symbols used to indicate the polarization (data item *C6a*)
- Table 6 - Radio astronomy station antenna characteristics (data item *B6*)



# The Preface (Space Service)

## SECTION IV - Reference Tables continues

- Table 7 - Antenna radiation reference pattern (data item *B3e/B4a/B4b or B5c2 or C10c4a*)
- Tables 8 – 10 - Numbers not used
- Table 11A - Symbols used for coordination and agreement (data item *A5/A6*) (coordination phase)
- Table 11B - Symbols used for coordination and agreement (data item *A5/A6*) (notification phase)
- Table 12A/12B - Responsible administrations (data item *A3b*), operating agencies (data item *A3a*) and postal and telegraphic addresses of the administrations responsible for the stations



# The Preface (Space Service)

## SECTION IV - Reference Tables continues

- Table 13A1 - Finding reference - Conformity with the Radio Regulations - symbols used in column *13A1*
- Table 13A2 - Finding reference - Conformity with the procedures relating to coordination with other administrations or conformity with a Plan (world or regional) - symbols used in column *13A2*
- Table 13A3 - Finding reference - Technical examination - symbols used in column *13A3*
- Table 13A4 - Finding reference - Conformity with RES-49 - symbols used in column *13A4*





# The Preface (Space Service)

## SECTION IV - Reference Tables continues

- Table 13B1 Reference to a provision of the Radio Regulations or an Appendix thereto, or a Resolution of a World Radio Conference or a Regional Agreement - symbols used in column *13B1*
- Table 13B2 - Remarks concerning Findings - symbols used in column *13B2*
- Table 13B3 - Date relating to a review to be made - symbols used in column *13B3*
- Table 13C - Remarks - symbols used in column *13C*



# Questions?

**BRIFIC (space services) website:**

**<http://www.itu.int/en/ITU-R/space/Pages/brificMain.aspx>**

