

BR IFIC, Space Website and Preface (Space Services)

Chuen Chern Loo
BR/SSD/SPR

Introduction

- Prior to 2000, special sections and Parts, distributed in WICs, were published on paper and microfiche, until 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
- This new publication, developed by the Bureau pursuant to Resolution 30 (WRC-97) (which has been deleted by WRC-2000), replaced the previous publication of the Weekly Information Circulars (WICs) and special sections on paper and microfiche.
- 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

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) continues to include the following data files: ificxxx.mdb - SPS_ALL_xxxx.mdb together with examination results - 30B_xxxx.mdb together with examination results - SpaceCom draft
- 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.
- 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

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 ificxxx.mdb file (MS Access format), published on the BR IFIC, is located in the Databases\IFIC_data directory.

This file contains only 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)
 - RES49 (as of IFIC 2553/20.09.2005)

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

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

- SAM - PC-based software package used to launch ITU-BR Space Software Applications;
- SpaceQry, which can be used to query into the database and retrieve and view the alphanumeric data;
- SpaceCap, which allows the capture and electronic notification of Appendix 4 notices;
- SpacePub, an interactive tool to print satellite networks and earth stations;
- SpaceVal, which can be used for validating electronic notices that are in the SNS electronic notice format;
- SpaceRefdb, an update tool that will update the reference tables used by BR software;
- SpaceCom, management of the comments on API/A (not subject of Coordination procedure), CR/C, AP30/E, AP30A/E, AP30-30A/F/C Special Sections;
- SRSCovert, to convert the data contained in an existing SRS-formatted database from a version 5 database (WRC-03) into a version 6 database (WRC-07);
- GIMS, allows the capture and modification of graphical data relating to the electronic notification of satellite networks;
- IDWM, the ITU Digitized World Map;
- SPS, determination of the coordination requirements for the Plans for space networks in AP 30, 30A and 30B;
- SRSFixdb, to remove processing data and correct default information in electronic notification databases that are sent to the BR.
- GIBC, which provides the user with the ability to carry out calculations on satellite networks relating to PFD examinations, Appendix 7 and 8 and Appendix 30B
- Appendix 7 Capture, which assists in capturing the input parameters necessary for the running of the Appendix 7 software (see GIBC)

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 (next one in March 2014)
- 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 2007 – 5 082 CHF
- Annual collection – 500 CHF
- <http://www.itu.int/pub/R-SP-LN.IW-2012>

BR IFIC (Space Services) Main Menu

BR IFIC SPACE

BR IFIC 2743 International Frequency Information Circular (Space Services)

30.04.2018

ITU

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

Search Exit

عربي English 中文 Español Français Русский



BRIFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

Special Sections

-- ALL --

AP30-30A/E

AP30-30A/F/C

AP30/E

AP30A/E

AP30B/A6A

AP30B/A6B

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

-- ALL --

PART I-S

PART II-S

PART III-S

Administrations

ARM

BGD

BUL

CAN

CHN

D

E

Click on the relevant section to open the list of networks published under that section.

BRIFIC PUBLICATIONS – TABLE OF CONTENTS

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.				
AP30/E/365 MOD-2	B	LUX		DBL-G3-28.2E	28.2		104552005
AP30/E/622	A	USA		USABSS-38	72		112552027
AP30/E/623	A	ISR		AMS-BSS-137E	137		112552028
AP30/E/624	A	TUR		TURKSAT-BSS-42E	42		112552030
AP30-30A/E/625	A	CAN		CAN-BSS1AM	-82		113555001
AP30-30A/E/626	A	CAN		CAN-BSS2AM	-91.1		113555002
AP30-30A/F/C/51			TUR	TURKSAT-BSS-T-42E	42		112556011
AP30A/E/621	A	RUS		RST-1A	36		112554026
AP30A/E/623	A	ISR		AMS-BSS-137E	137		112554028
AP30A/E/624	A	TUR		TURKSAT-BSS-42E	42		112554030
AP30B/A6A/244			CHN	CHINASAT-30B-8.5W	-8.5		112559033
AP30B/A6A/245			CHN	CHINASAT-30B-126E	126		112559034
AP30B/A6A/246			HOI	NSS-ESS 105W	-105		112559035

Search

Exit

عربي

English

中文

Español

Français

Русский

What to do with the BR IFIC DVD?

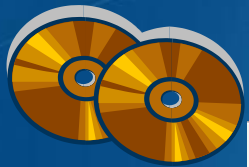


What to do on issue of a BR IFIC?

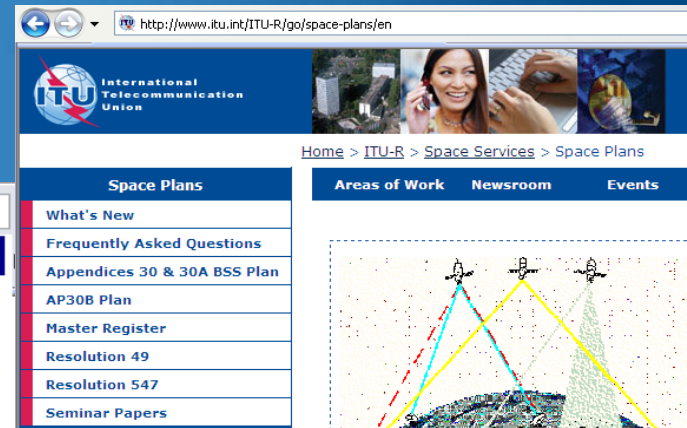
How to see details on publications when my Administration is concerned?

- 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"?

Getting the new documents and data published

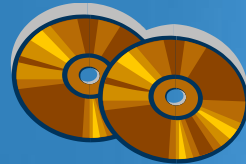


BR IFIC (Space) DVD-ROM



What to do on issue of a BR IFIC?


You wish to view
a document
published?



BR IFIC (Space) DVD-ROM



PDF files of
Special Sections and Parts

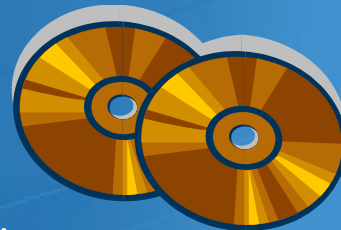
 UNION INTERNATIONALE DES TELECOMMUNICATIONS BUREAU DES RADIOCOMMUNICATIONS		INTERNATIONAL TELECOMMUNICATION UNION RADIOCOMMUNICATION BUREAU		UNION INTER OFICII
RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATELITE	AM-T AF3 MOD-A			SECTION SPÉCIALE N ^o SPECIAL SECTION No. SECCIÓN ESPECIAL N.º
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	GMO	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	151 E	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF				NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER



What to do on issue of a BR IFIC?

You wish to analyze
data published?

SRS.mdb
SPS_XXXX.mdb
30B_XXXX.mdb
As received notices
Technical examination results
SpaceCom draft mdb
GIMS graphical data



What to do with the BR IFIC DVD?

BRIFIC SPACE

BR IFIC 2743 International Frequency Information Circular (Space Services) 30.04.2018

BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

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"

Search Exit عربي English 中文 Español Français Русский

What to do with the BR IFIC DVD?

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



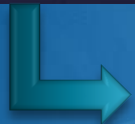
The screenshot shows a web interface with a navigation menu on the left and a main content area. The menu includes: BR IFIC Publications, Databases, As received (Res.55) (highlighted), Preface, Cost Recovery, BR Software, and BR Circular Letters. The main content area has a sub-menu with: As received (Res.55) (highlighted), Coordination requests, Notification of space stations, Space Plans AP30B (highlighted), and Information. Below this is a section titled "NOTICES RECENTLY RECEIVED UNDER ARTICLES 6 AND 7 OF AP30B" containing a table with the following data:

NTC_ID	ADM	NTW_ORG	SAT_NAME	LONG
112559033	CHN		CHINASAT-30B-8.5W	
112559034	CHN		CHINASAT-30B-126E	
112559035	HOL		NSS-FSS 105W	

What to do with the BR IFIC DVD?

The screenshot shows the 'BR IFIC Publications' software interface. On the left is a vertical menu with options: Databases, As received (Res.55), Preface, Cost Recovery, BR Software, and BR Circular Letters. The main area is titled 'BR IFIC PUBLICATIONS – TABLE OF CONTENTS' and contains three columns: 'Special Sections', 'Parts I-S, II-S, III-S', and 'Administrations'. The 'Special Sections' column has a scroll bar and lists: -- ALL --, AP30-30A/F/D, AP30/E, AP30A/E, API/A, API/B, and CR/C. The 'Parts' column lists: -- ALL --, PART I-S, PART II-S, and PART III-S. The 'Administrations' column lists: -- ALL --, IRN, and RUS.

SPECIAL SECTION / PART	PLAN PART	RESPONSIBLE ADMINISTRATION		NAME OF THE SPACE STATION
		ADM.	INTERG. ORG.	
AP30/E/458	B	RUS	IK	INTERSPUTNIK-74.9E-B
AP30/E/600	A	IRN		IRANDBS3



The detailed entry for IRANDBS3 includes the following information:

- RESEAU A SATELLITE / SATELLITE NETWORK / RED DE SATELITE:** IRANDBS3
- ADM. RESPONSIBLE / RESPONSIBLE ADM. / ADM. RESPONSABLE:** IRN
- LONGITUDE NOMINALE / NOMINAL LONGITUDE / LONGITUD NOMINAL:** 12.5 E
- SECCION ESPECIAL N.º / SPECIAL SECTION No. / SECCIÓN ESPECIAL N.º:** AP30/E/600
- BR IFIC / DATE / BR IFIC / FECHA:** 2731 / 30.10.2012
- NUMERO D'IDENTIFICATION / IDENTIFICATION NUMBER / NUMERO DE IDENTIFICACION:** 112552002
- RENEIGHNEMENTS RECUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACION RECIBIDA POR LA OFICINA EL:** 12.05.2012

The entry also contains descriptive text in French, English, and Spanish regarding frequency assignments and the specific details of this satellite network.

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...



What to do with the BR IFIC DVD?

Administrations et/ou réseaux à satellite affectés / Affected administrations and/or satellite networks / Administraciones y/o redes de satélite afectadas

受影响的主管部门和/或卫星网络 / Затронутые администрации и/или спутниковые сети / أو الشبكات الساتلية المتأثرة بالإدارات و

A5 Coordinations	A1f1 Notifying adm.	A1f3 Inter. sat. org.	BR80 Status of identified network	A1a Sat. Network / A1b Plan beam identification
App.30B, Art.6, § 6.5 - Annexe 4 App.30B, Art.6, § 6.5 - Anexo 4 App.30B, Art.6, § 6.5 - Anexo 4 附录30B, 第6条, 第6.5段- 附件4 Пр. 30B, Ст. 6, п. 6.5 – Дополнение 4 التاليف 30B, المادة 6, الفقرة 6.5 – الملحق 4				
§2.1 (6/4 GHz)	BFA		Allotment	BFA00000
	BHR		Allotment	BHR00000
	CAF		Allotment	CAF00000
	F		Pending	F-SAT-E-30B-13E
	GHA		Allotment	GHA00000
	LUX		Pending	LUX-30B-G3-13E
	MDG		Allotment	MDG00000
	NMB		Allotment	NMB00000
	POL		Allotment	POL00000
	RRW		Allotment	RRW00000
	SMR		Allotment	SMR00000
	SUI		Allotment	SUI00000
	SYR		Allotment	SYR00000
	§2.1 (13/10-11 GHz)	BFA		Allotment
BHR			Allotment	BHR00000
BOT			Allotment	BOT00000
CAF			Allotment	CAF00000
F			Pending	F-SAT-E-30B-13E
		RUT	List	EUTELSAT EXB-10E
			List	EUTELSAT EXB-13E
			Pending	EUTELSAT EXB-13E
			List	EUTELSAT EXB-37.2W
			List	EUTELSAT EXB-7E
GHA			Allotment	GHA00000
LUX			List	GDL-6
			List	GDL-6
			Allotment	LUX00000
MDG		Allotment	MDG00000	
NMB		Allotment	NMB00000	
POL		Allotment	POL00000	
RRW		Allotment	RRW00000	
SMR		Allotment	SMR00000	
SUI		Allotment	SUI00000	
SYR		Allotment	SYR00000	
TUN		Allotment	TUN00000	
§2.2 (6/4 GHz)	ARS	ARB	Pending	ARABSAT-AXB17E
			Pending	ARABSAT-AXB20E

Liste des administrations dont l'accord est requis au titre du § 6.6
 List of Administrations whose agreements are required under § 6.6
 Lista de las Administraciones cuyo acuerdo se necesita al título del § 6.6
 根据第6.6款需要征得其同意的主管部门的列表
 Список администраций, согласие которых требуется в соответствии с п. 6.6
 قائمة الإدارات المطلوب الحصول على موافقتها بموجب الفقرة 6.6

Provision	11C2 Agreement symbol	A1f1 Notifying adm. / BR5 Geographical area
30B#6.6	R	AFG, AFS, AFS/MRN, AGL, ALB, ALG, AND, ARG, ARM, ARS, ATA, ATG, AUS/HMD, AUT, AZE, B, BDI, BEL, BEN, BFA, BGD, BHR, BIH, BLR, BOL, BOT, BRB, BUL, CAF, CAN, CLN, CME, COD, COG, COM, CPV, CTI, CVA, CYP, CZE, D, DJI, DMA, DNK, DNK/FRO, DNK/GRL, E, E/CNR, EGY, ERI, EST, ETH, F, F/AMS, F/CRO, F/GLP, F/GUF, F/KER, F/MRT, F/MT, F/REU, F/SPM, FIN, G, G/ASC, G/DGA, G/FLK, G/GCA, G/GIB, G/MSR, G/SHN, G/TRC, GAB, GEO, GHA, GMB, GNB, GNE, GRC, GRD, GUI, GUY, HNG, HOL, HRV, I, IND, IRL, IRN, IRQ, ISL, ISR, JOR, KAZ, KEN, KGZ, KWT, LBN, LBR, LBY, LCA, LIE, LSO, LTU, LUX, LVA, MAU, MAU/ROD, MCO, MDA, MDG, MKD, MLD, MLI, MLT, MNE, MOZ, MRC, MTN, MWI, NGR, NIG, NMB, NOR, NOR/BVT, NPL, OMA, PAK, POL, POR, POR/AZR, POR/MDR, PRG, QAT, ROU, RRW, RUS, S, SDN, SEN, SEY, SMR, SOM, SRB, SRL, SSD, STP, SUI, SUR, SVK, SVN, SWZ, SYR, TCD, TGO, TJK, TKM, TRD, TUN, TUR, TZA, UAE, UGA, UKR, URG, UZB, VEN, VEN/AOE, XZZ/XBY, XZZ/XGZ, XZZ/XWB, YEM, ZMB, ZWE
30B#6.6	O	Néant / None / Ninguna / 无 / Het / لا يوجد

90558084	15.9 E	9.878
90558513	19.2 E	4.323
95559003	19.2 E	5.461
90558130	19.2 E	0.323
90558134	16.9 E	1.450
90558153	12.2 E	15.738
90558166	15.2 E	20.609
90558175	17.6 E	10.245
90558186	16.5 E	10.881
90558192	9.45 E	7.393
90558195	18 E	7.360
90558202	5.74 E	0.515
109559012	17 E	13.553
107559003	20 E	7.615

SUI

Recommended actions:

- For NOTIF ADM → analyzing findings and identification for coordination process!
- For AFFECTED ADM → Analyzing, COMMENTING, sending decision ...

Within 4 months!



What to do on issue of a BR IFIC?

BRIFIC SPACE

BR IFIC 2743 International Frequency Information Circular (Space Services) 30.04.2018

BRIFIC Publications
Databases
 As received (res.27)
 Preface
 Cost Recovery
 BR Software
 BR Circular Letters

Databases SpaceCom
 IFIC Draft AP30*D
 SRS Draft CR/D
 Space Plans
 GIMS
SpaceCom
 BRIFIC Archive

This info is available on BR IFIC only!!!

List of SpaceCom DRAFT databases files for AP30*/E Part D Special Sections

The Bureau requests notifying administrations responsible for the satellite networks listed below to kindly inform it of any additional comments under provisions § 4.1.1 a) to e) and 4.2.3 a) to f) of Appendix 30 and under provisions § 4.1.1 a) to d) and 4.2.2 a) to c) of Appendix 30A received from potentially affected administrations, by updating accordingly the SpaceCom database using the SpaceCom software application and return it to the Bureau by electronic mail (brmail@itu.int).

DVD-ROM\Databases\SpaceCom\draft_AP30D

ADM	Sat_Name	Comments on Special Section Reference	Mod	BR IFIC No / Date	SpaceCom_database File name
QAT	QATARSAT3-BSS-20E	AP30/E/586 Part A		2718/01.05.2012	PLAN-IFIC2718_BR_AP30E586.mdb
QAT	QATARSAT3-BSS-20E	AP30A/E/586 Part A		2718/01.05.2012	PLAN-IFIC2718_BR_AP30AE586.mdb

Search Русский

Recommended actions:

For **NOTIF ADM** → Completing/Validating the draft List

For **AFFECTED ADM** → Checking your comments are included

What to do on issue of a BR IFIC?

The screenshot shows the BRIFIC SPACE web interface. The title bar reads "BRIFIC SPACE". The main header displays "BR IFIC 2743 International Frequency Information Circular (Space Services)" and the date "30.04.2018". The ITU logo is in the top right corner. On the left, a navigation menu includes "BR IFIC Publications", "Databases" (highlighted with a red box), "AS received (RES.53)", "Preface", "Cost Recovery", "BR Software", and "BR Circular Letters". In the center, there are buttons for "Databases", "SpaceCom", "IFIC", "Draft AP30*D", "SRS", "Draft CR/D", "Space Plans", "GIMS", and "SpaceCom" (highlighted with a red box). A large blue arrow points from the "SpaceCom" button to a central white box. A red diagonal text overlay reads "This info is available on BR IFIC only!!!".

CR/D DRAFT - LIST OF SPACE NETWORKS

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).

DVD-ROM\Databases\SpaceCom\draft_CRD

ADM	Sat_Name	CRC_No	Mod	IFIC_No / Date	SpaceCom_database File name
B	B-SAT-1A-1	3219		2734/11.12.2012	IFIC2734_BR_CRC3219
E	HISPASAT-4A	3217		2734/11.12.2012	IFIC2734_BR_CRC3217

Recommended actions:

For **NOTIF ADM** → Completing/Validating the draft List

For **AFFECTED ADM** → Checking your comments are included

What to do on issue of a BR IFIC?

BR IFIC SPACE

BR IFIC 2731

International Frequency Information Circular (Space Services)

30.10.2012

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

Cost recovery

Free entitlement

Invoices issued

Overdue invoices

NEWS

BR IFIC 2731 / 30.10.2012

Invoices issued in 2010-2012 which are overdue:
Factures établies en 2010-2012 dont la date de paiement est arrivée à échéance:
Facturas enviadas en 2010-2012 que no han sido pagadas:
逾期未付的2010-2012年开具的发票有:
Просроченные счета, выставленные в 2010-2012 годах:
فواتير صادرة في 2010-2012 ولا تزال مستحقة الدفع:

Last update / Dernière mise à jour / Última puesta al día / 最近更新日期 / Последнее обновление / التحديث الأخير : 22.10.2012

A1f1	A1f3	A1a	Co2a	Co2b	Co2c	Co2d
Adm	Org	Satellite name	Invoice No	Invoice Date	Invoice Due Date	Invoice Amount
CAN	LARKSAT-NAR		2100000124/2010	16.02.2010	16.08.2010	10'820.00
CAN	LARKSAT-PORR		2100000125/2010	16.02.2010	16.08.2010	10'820.00
CAN	LARKSAT-AOR2R		2100000122/2010	16.02.2010	16.08.2010	10'820.00
SNG	ST-2F-CK		2100000221/2012	05.04.2012	05.10.2012	24'620.00
THA	THAICOM-LS3		2100000129/2010	16.02.2010	16.08.2010	24'020.00
THA	THAICOM-LS2		2100000128/2010	16.02.2010	16.08.2010	24'020.00
USA	USOBO-10A		2100000255/2012	19.04.2012	19.10.2012	14'870.00
USA	USOBO-1A		2100000257/2012	19.04.2012	19.10.2012	17'420.00

BR IFIC 2731 / 30.10.2012

The following is a list of all invoices that have been issued to date in 2010-2012 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 2010-2012 dans le cadre du recouvrement des coûts des fiches de notifications des réseaux de satellite:
El siguiente cuadro es una lista de todas las facturas que han sido establecidas hasta la fecha para 2010-2012, para la recuperación de costos de tramitación de las notificaciones de redes de satélite:
以下为2010-2012年迄今为止开具的所有与有关的卫星网络申报成本回收发票一览表:
Ниже представлен список всех счетов, выставленных по настоящее время в течение 2010-2012 года, для возмещения расходов на регистрацию спутниковых сетей:
يرد فيما يلي قائمة بجميع الفواتير الصادرة حتى اليوم في 2010-2012 لاسترداد تكاليف معالجة بطاقات البيع عن الشبكات الساتلية والمستحقة:

Last update / Dernière mise à jour / Última puesta al día / 最近更新日期 / Последнее обновление / التحديث الأخير : 22.10.2012

A1f1	A1f3	A1a	Co1	Co2a	Co2b	Co2c	Co2d
Adm	Org	Satellite name	Category	Invoice No	Invoice Date	Invoice Due Date	Invoice Amount
ARS	ARABSAT 5B-26E		N2	2100000696/2011	14.11.2011	14.05.2012	57'920.00
ARS	ARABSAT-AXB26E		P5	2100000790/2011	01.12.2011	01.06.2012	20'280.00
ARS	ARABSAT-AXB30E		P5	2100000791/2011	01.12.2011	01.06.2012	20'280.00
ARS	SAUDI-FMSS-7-R1		C2	2100000159/2010	16.02.2010	16.08.2010	24'620.00
ARS	STRATSAT-5-R1		C2	2100000257/2010	09.03.2010	09.09.2010	33'467.00
ARS	ARABSAT 5D-17E		C1	61000008191	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT 7A-30.5E		C1	61000008192	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT 7B-26E		C1	61000008194	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT 7C-20E		C1	61000008196	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT 7D-7.5E		C1	61000008195	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT 7E-34.5E		C1	61000008197	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT 7F-44.5E		C1	61000008198	04.10.2012	04.04.2013	16'360.00

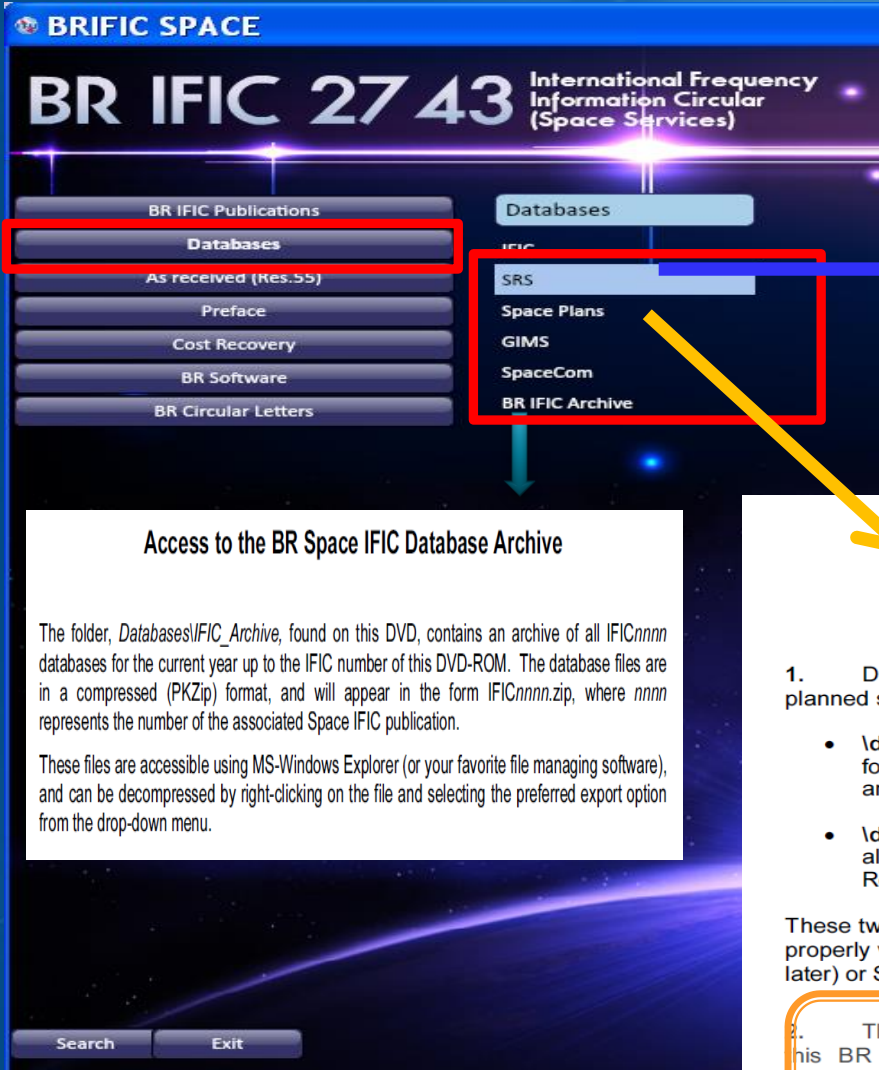
Page 1

Recommended actions:

For **NOTIF ADM** → contacting ITU for payment...

For **AFFECTED ADM** → for info only

What to do on i



SRS MDB

NOTE:

- 1 The **srs.mdb** file (MS Access format) published on the present BR IFICxxxx DVD-ROM is located in the Databases\SRS_Data directory. This file contains alphanumeric information relating to satellite networks and Earth stations recorded in the Master International Frequency Register (MIFR) or in the process of coordination, in accordance with Section II of Article 9 (Sections II (RR1060) and III (RR1107) of Article 11) of the Radio Regulations or published under the advance publication of information procedure, in accordance with Section I of Article 9 (Section I (RR1042) of Article 11) and maintained by BR.
- 2 The information in the **srs.mdb** is a snapshot of the Mater International Frequency taken at the time the present BR IFICxxxx DVD-ROM was produced.
- 3 The SNS database structure is described in detail in Section III, Chapter 1 of the Preface.
- 4 In order to properly view and query the **srs.mdb** file directly from this DVD-ROM using either SpaceQry, SpaceCap or SpacePub you should first install them from the \BR_Soft\ folder also located on this DVD-ROM. The minimum software configuration: MS-Windows NT V4.0 or MS-Windows 95.

Access to the BR Space IFIC Database Archive

The folder, *Databases\IFIC_Archive*, found on this DVD, contains an archive of all IFICnnnn databases for the current year up to the IFIC number of this DVD-ROM. The database files are in a compressed (PKZip) format, and will appear in the form IFICnnnn.zip, where *nnnn* represents the number of the associated Space IFIC publication.

These files are accessible using MS-Windows Explorer (or your favorite file managing software), and can be decompressed by right-clicking on the file and selecting the preferred export option from the drop-down menu.

Data for Planned Space Networks (Appendices 30, 30A & 30B)

1. Data concerning the technical characteristics and reference situation for networks of the planned space services are currently included in the databases in the following directories:
 - **\databases\SpacePlans\SPS**: The Space Plans Systems (SPS) database* contains data for assignments in the AP30/30A Plans, Lists and those of pending Article 2A & 4 networks and Resolution 49 information;
 - **\databases\SpacePlans\AP30B**: The Appendix 30B database* contains data for the allotments in the Plan, assignments in the List and those of pending Article 6 networks and Resolution 49 information;

These two databases are considered as an extension of the SNS version 6.1 database. In order to properly view/print the content of these databases, SpaceCap (v6.5.2 or later), SpacePub (v6.0.4 or later) or SpaceQry (v6.2 or later) software is required.

2. The MSPACEg output database for each AP30/30A Article 4 Part A network published in this BR IFIC can be found in the **\databases\SpacePlans\MSPACEg_results** folder. This database contains the detailed BR IFIC CE calculation results.

3. The GIBC output database for each Appendix 30B pending Article 6 network published in this BR IFIC can be found in the **\databases\SpacePlans\AP30B\GIBC_results** folder. This database contains the detailed GIBC calculation results.

Pub on DVD only

Recommended actions:

For NOTIF ADM / AFFECTED ADM

➔ Updating Database & checking detailed examinations results

What to do with the BR IFIC DVD?

BR IFIC SPACE

BR IFIC 27 43 International Frequency Information Circular (Space Services) 30.04.2013

ITU

BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

Databases

IFIC

SRS

Space Plans

GIMS

spaceCom

BR IFIC Archive

GIMS Database Setup

Introduction **Pub on DVD only**

The Bureau now publishes the complete GIMS reference database (REFDB) on each IFIC DVD-ROM rendering obsolete the previous incremental update process.

Search Exit

عربي English 中文 Español Français Русский

Updated data for use of NOTIF ADM, AFFECTED ADM... etc.

The Preface (Space services)

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 services)

- ***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 services)

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 services)

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 services)

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 services)

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 services)

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?

chuen-chern.loo@itu.int