



World Radiocommunication Seminar 2016

BR International Frequency Information Circular BR IFIC (Space Services)

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BR IFIC Introduction

The BR International Frequency Information Circular (BR IFIC) (Space services)

- Prior to 2000, *Special sections and PARTs*, distributed in Weekly Information Circulars (**WIC**), were published on *paper and microfiche*, until RES-30 (WRC-97) instructed the BR to initiate the introduction of a CD-ROM (*electronic*) format, the BR International Frequency Information Circular (BR IFIC) (Space services)
- As of **BR IFIC 2410/11.01.2000** new *electronic publication*, replaced the previous publication of the (WICs) on paper and microfiche.
- Due to the substantial increase of the volume of information to be published and to provide more relevant 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 and as of BR IFIC 2833/22.11.2016 to a DUAL Layer DVD-ROM



BR IFIC Description - 1

- The BR IFIC (Space services) 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 RR
- The BR IFIC (Space services) 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

Following publications and data files are distributed **ONLY**
in the BR IFIC (Space services)

- PARTs and Special sections in PDF format
- SpaceCom draft data (*draft CR/D data per network (named IFICnnnn_BR_CRCxxxx.mdb) listing the administrations which have submitted a disagreement under No. 9.52)*)
- Space Radiocommunication Stations (*SRS) reference database (SRSxxxx.mdb)*)
- Graphical Interference Management System (*GIMS) data (GREFxxxx.mdb)*)



BR IFIC Description - 3

Following publications and data files are distributed in the BR IFIC (Space services) and at the Bureau SSD website: <https://www.itu.int/ITU-R/go/space/en>

- **ificxxxx.mdb** (*data of satellite network filings submitted under ART 9&11 and RES49 which are present in the Table Of Contents of the BR IFIC xxxx*)
 - **SPS_ALL_xxxx.mdb** (*data with examination results of satellite network filings submitted under AP30/30A which are present in the Table Of Contents of the BR IFIC xxxx*)
 - **30B_xxxx.mdb** (*data with examination results of satellite network filings submitted under AP30/30A which are present in the Table Of Contents of the BR IFIC xxxx*)
- The BR IFIC (Space services) is also used to distribute software developed by the Bureau for electronic notification and carrying out validation and technical examination, especially SpaceCap, SpaceVal, SpacePub, SIS (SpaceQry), SpaceCom, GIMS, Appendix 7, GIBC, SPS



BR IFIC Main Features

- All PARTs and Special section 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 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 ONLY *the corresponding PART or Special section contained in PDF format in the BR IFIC (Space services)*



IFICxxxx.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 satellite networks or ES:
 - PART-IS, PART-IIS and PART-IIIS;
 - Special Sections:
 - API/A (as of IFIC 2464/05.03.2002) – *(as of IFIC 2796/09.06.2015 N-GSO only)*
 - CR/C (as of IFIC 2460/24.01.2002)
 - CR/F (as of 1.6.2012)
 - RES49 (as of IFIC 2553/20.09.2005)

Only if present in the Table Of Contents of the BR IFIC

- IFICxxxx.mdb is *also* available on the BR website:

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



SRSxxxx.mdb Database

The *SRSxxxx.mdb* file is published ONLY on the BR IFICxxxx (Space services) DVD-ROM in: 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 *ART 11* or in the *process of coordination* (*Sect II ART 9*) or published under the advance publication of information procedure (**API**) not subject of coordination (*Sub-Sect IA* of *ART 9*) as well as Administrative Due Diligence (Resolution 49)
- *The information in the SRSxxxx.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*



REFxxxx.mdb Database

Complete Graphical Interference Management System (GIMS) reference database (REFDB) - *REFxxxx.mdb* data are published ONLY on the BR IFICxxxx (Space services) DVD-ROM in:
Databases\GIMS Data directory

- 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)
- Technical characteristics and reference situation (EPM) for Planned networks can be found in the:
 - \Databases\AP30 30A\SPS ALL IFICxxxx (AP30&30A)
 - \Databases\AP30B\30B xxxx (AP30B)
 - The MSPACEg output database for each network can be found in the \Databases\AP30 30A\TEX results\ directory. This database contains the detailed results of MSPACE calculation
 - All Space Plan data are also distributed at the SSD website <https://www.itu.int/ITU-R/go/space-plans/en>



List of information "as received"

As of BR IFIC 2836/10.01.2017 – NO more "as received" on the BR IFIC....

RES-55 (rev. WRC-15) *instructs the Bureau 1*

to make available coordination requests and notifications, "as received", within 30 days of receipt 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.*



BR IFIC (Space Services) – BRsoft

- SAM - PC-based software package used to launch ITU-BR Space Software Applications;
 - SIS (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 *basic* capturing the input parameters necessary for the running of the Appendix 7 software (see GIBC)
- **BRsoft is distributed ALSO** at the Bureau website: <https://www.itu.int/ITU-R/go/space-software/en>



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 IFIC (Space services) Collection on DVD-ROM

- From year 2005 issued once a year (in March)
- Quarterly update of the Annual publication database:
<https://www.itu.int/en/ITU-R/space/snl/Pages/collQuerySystem.aspx>
- More information:
<https://www.itu.int/en/ITU-R/space/snl/Pages/collDVD.aspx>
- ITU Sales info - Publication notice **373**
<https://www.itu.int/pub/R-SP-LN.IW-2013>



HOW to START the BR IFIC (Space services) DVD-ROM?

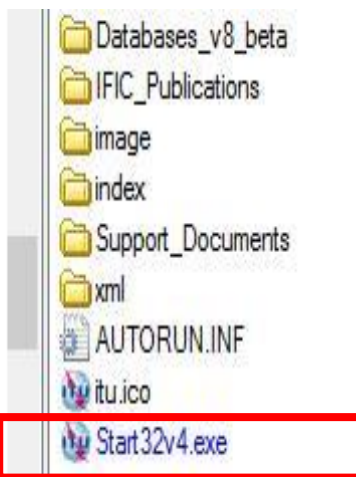
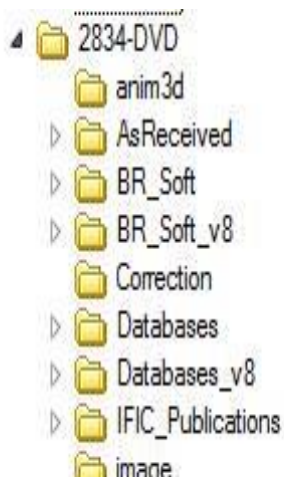


➤ ***EASY !!! - NO SETUP is required***



HOW to START the BR IFIC (Space services) DVD-ROM?

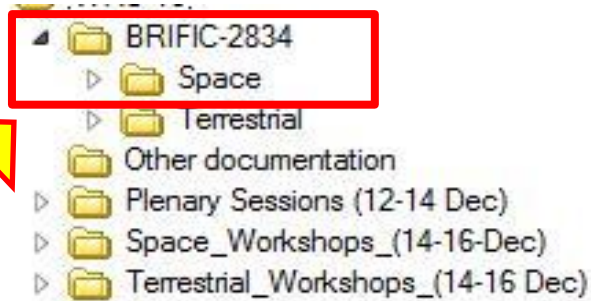
- NOTE : As of BR IFIC 2833/22.11.2016 - ***DUAL Layer DVD-ROM***
- If “***AutoPlay***” option is enabled in the computer, the BR IFIC (Space services) ***DVD-ROM will start it's menu automatically***
- ***If no - open the IFIC DVD-ROM with a file manager and click on Start32v4.exe***



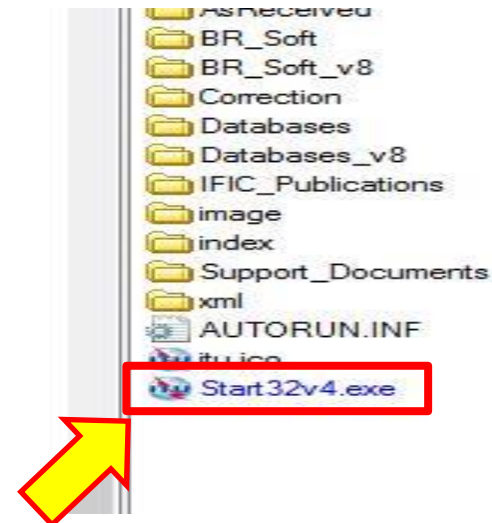
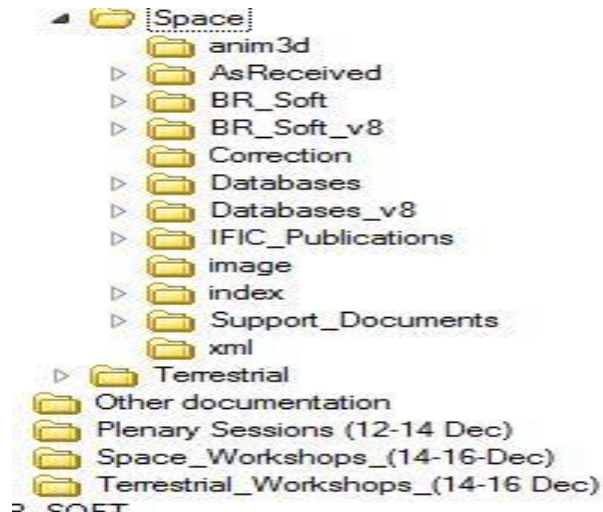


HOW to START the BR IFIC (Space services) on the **WRS-16 USB memory stick?**

- PLS open the **WRS-16 USB memory stick** with a File manager: **BRIFIC-2834 folder and Space sub-folder**



- Click on **Start32v4.exe** in the Space folder





BR IFIC (Space Services) Main Menu

BRIFIC

BR IFIC 2834

International Frequency
Information Circular
(Space Services)

06.12.2016



BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

NEWS

SNS - Removal

Correction

Search

Exit

عربي

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Français

Русский



BR IFIC Publications TOC (Main)



BR IFIC 2834

International Frequency
Information Circular
(Space Services)

06.12.2016

- BR IFIC Publications
- Databases
- As received (Res.55)
- Preface
- Cost Recovery
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Special Sections

- ALL --
- AP30/E
- AP30A/E
- AP30B/A6A
- AP30B/A6B
- API/A
- API/B

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

- ALL --
- PART I-S
- PART II-S
- PART III-S

Administrations

- B
- CAN
- CHN
- CYP
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- ETH
- F

NEWS

- SNS - Removal
- Correction

Print instructions

BR IFIC 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/742	A	QAT		QATARSAT-BSS-26W_R1	-26		116552009
AP30/E/743	A	ETH		ETHIOSAT-1	58.3		116552010
AP30A/E/731	D	TUR		TURKSAT-BSS-42E-A	42		115554022
AP30A/E/732	D	QAT		QATARSAT-BSS-25.9E	25.9		115554023
AP30A/E/742	A	QAT		QATARSAT-BSS-26W_R1	-26		116554009
AP30A/E/743	A	ETH		ETHIOSAT-1	58.3		116554010
AP30B/A6A/439 MOD-1		IRN		IRN-30B-24.19E	24.19		116559003
AP30B/A6B/99 MOD-1		LUX		LUX-30B-G4-19.2E	19.2		107559022
API/A/11912		FIN		SUOMI 100	NGSO		116545184
API/A/11916		CHN		OVS-1	NGSO		116545191
API/A/11923		F		AST-NG-NC-QV	NGSO		116545198
API/A/11924		CHN		SPACEKEY-2	NGSO		116545187

Search Exit

عربي English 中文 Español Français Русский



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*
- <https://www.itu.int/pub/R-SP-LN.IS> → Available in  
- 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 (Space services) DVD-ROM?





What to do on issue of a BR IFIC?

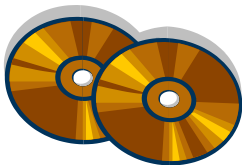
How to see details
on publications
when my
ADM is concerned?

- Is my ADM identified as affected by the Bureau's examination in a Special section publications?

- Are my ADM's networks published?

- Is my ADM's new submission published "As received"?

- Getting the new PARTs and Special sections and data published

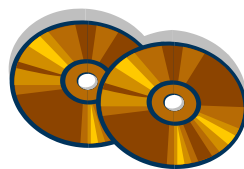


BR IFIC (Space services) DVD-ROM



What to do on issue of a BR IFIC?

You wish to view
a document
published?



BR IFIC (Space Services) DVD-ROM



Special Sections and Parts
in PDF format



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

UNIÓN INTERNACIONAL DE TELECOMUNICACIONES
OFICINA DE RADIOCOMUNICACIONES

© I.T.U.

RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		NSS-G6-7		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º		CR/C/4123	
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA		---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA		2834 / 06.12.2016	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	HOL	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	125 W	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN		116520004	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL						27.05.2016	

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

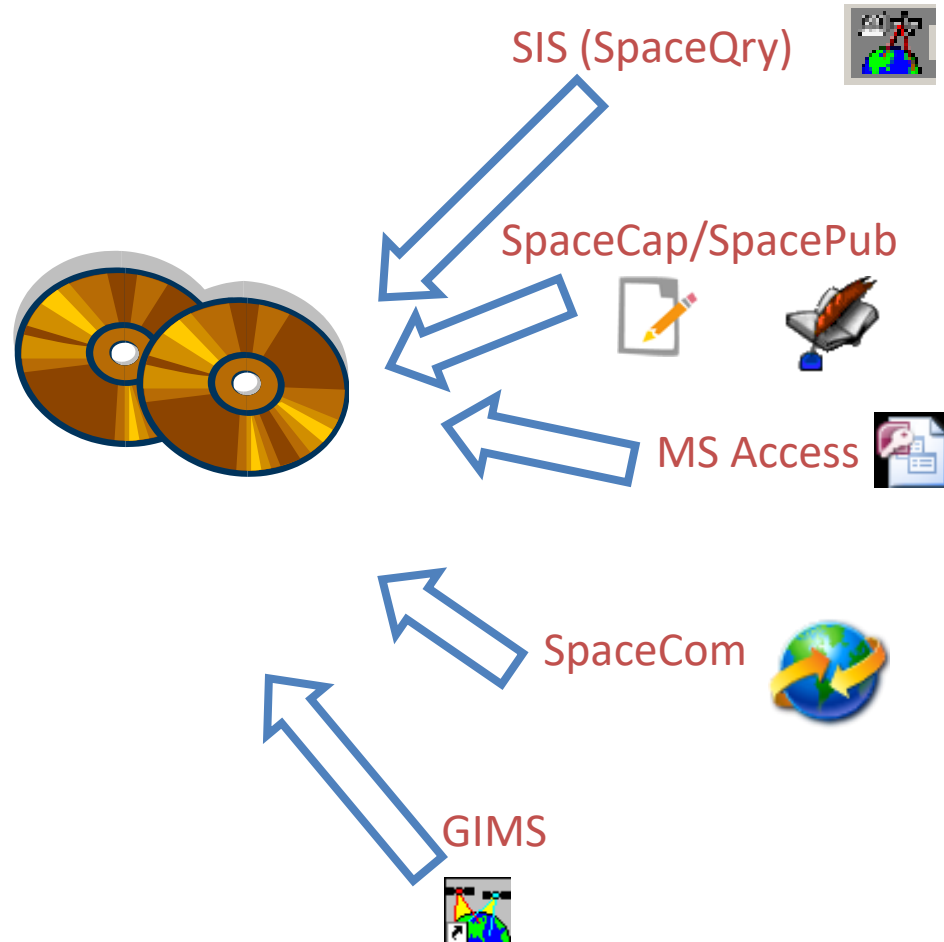
Esta solicitud de coordinación, recibida por la Oficina de Radiocomunicaciones de conformidad con el punto N° 9.30 del Reglamento de Radiocomunicaciones, se ha examinado de conformidad con los N° 9.35 y 9.36 y se publica de conformidad con el N° 9.38. Está sujeta al formulario de coordinación indicado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



What to do on issue of a BR IFIC?

You wish to analyze published data?

- IFICxxxx.mdb
- SRSxxxx.mdb
- GREFxxxx.mdb
- SPS_ALL_IFICxxxx.mdb
- 30B_xxxx.mdb
- “as received” notices
- SpaceCom draft mdb





What to do with the BR IFIC DVD?

BRIFIC

BR IFIC 2834 International Frequency Information Circular (Space Services) 06.12.2016 ITU

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

NEWS
SNS - Removal
Correction

What may my Administration to do ?

- My Administration has networks submitted to the Bureau for processing
- I'm a "NOTIFYING 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?

BR IFIC Publications

- Databases
- As received (Res.55)
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Special Sections

- ALL —
- AP30-30A/F/D
- AP30/E
- AP30A/E
- API/A
- API/B
- CR/C

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

- ALL —
- PART I-S
- PART II-S
- PART III-S

Administrations

- ALL —
- IRN
- RUS

BR IFIC PUBLICATIONS – TABLE OF CONTENTS

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



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS BUREAU DES RADIOCOMMUNICATIONS		INTERNATIONAL TELECOMMUNICATION UNION RADIOCOMMUNICATION BUREAU		UNIÓN INTERNACIONAL DE TELECOMUNICACIONES OFICINA DE RADIOCOMUNICACIONES	
RESEAU A SATELLITE SATELLITE NETWORK RED DE SATELITE		IRANDBS3		SECCION ESPECIAL N.º SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE		IRN	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	12.5 E	BR IFIC / DATE BR IFIC / FECHA
NOTIFIE AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE					NUMERO D'IDENTIFICATION IDENTIFICATION NUMBER NUMERO DE IDENTIFICACION
RENSEIGNEMENTS RECUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACION RECIBIDA POR LA OFICINA EL					12.05.2012
<p>Caractéristiques des assignations de fréquence publiées en application de l'Article 4 de l'Appendice 30 du Règlement des radiocommunications</p> <p>La présente Section spéciale concerne des propositions d'assignations nouvelles ou modifiées dans la Liste des liaisons descendentes pour les Régions 1 et 3 dans les bandes de fréquences 11,7-12,5 GHz en Région 1 et/ou 11,7-12,2 GHz en Région 3.</p> <p>Elle comprend les Parties indiquées ci-dessous par une croix (X) dans la case appropriée.</p> <p>[X] Partie A - Projets d'assignations nouvelles ou modifiées dans la Liste pour les Régions 1 et 3.</p> <p>[] Partie B - Assignations nouvelles ou modifiées ajoutées à la Liste pour les Régions 1 et 3 en conséquence de l'application avec les dispositions de l'Article 4 de l'Appendice 30 ou réseaux de la Liste pour les Régions 1 et 3 optimisés ou fusionnés conformément à la Résolution 548.</p>		<p>Characteristics of frequency assignments published in application of Article 4 of Appendix 30 to the Radio Regulations</p> <p>This Special Section concerns proposed new or modified assignments in the Regions 1 and 3 downlink List in the frequency bands 11.7-12.5 GHz in Region 1 and/or 11.7-12.2 GHz in Region 3.</p> <p>It is composed of the Parts indicated below by an (X) in the relevant box.</p> <p>[X] Part A - Proposed new or modified assignments in the Regions 1 and 3 List.</p> <p>[] Part B - New or modified assignments entered in the Regions 1 and 3 List as a result of the successful application of the provisions of Article 4 of Appendix 30 or networks in the Regions 1 and 3 List optimized or merged in accordance with Resolution 548.</p>		<p>Características de asignaciones de frecuencias publicadas conforme al Artículo 4 del Apéndice 30 del Reglamento de Radiocomunicaciones</p> <p>Esta Sección Especial trata de las asignaciones propuestas nuevas o modificadas en la Lista de enlaces descendentes de las Regiones 1 y 3 en las bandas de frecuencias 11,7-12,5 GHz en la Región 1 y/o 11,7-12,2 GHz en la Región 3.</p> <p>Se compone de las Partes indicadas a continuación con una (X) en la casilla pertinente.</p> <p>[X] Parte A - Asignaciones propuestas nuevas o modificadas en la Lista de las Regiones 1 y 3.</p> <p>[] Parte B - Asignaciones nuevas o modificadas introducidas en la Lista de las Regiones 1 y 3 como resultado de la aplicación satisfactoria de las disposiciones del Artículo 4 del Apéndice 30 o redes de la Lista optimizadas o refundidas de las Regiones 1 y 3, conforme a la Resolución 548.</p>	

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 والإدارات 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 附录30B, 第6条, 第6.5段- 附件4 Пр. 30B, Ст. 6, п. 6.5 – Дополнение 4 التابيل 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-AXB20R

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/MTY, 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, XZZ/AOE, XZZ/XBY, XZZ/XGZ, XZZ/XWB, YEM, ZMB, ZWE
30B#6.6	O	Néant / None / Ninguna / 无 / Het / لا يوجد

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 with the BR IFIC DVD?

You wish to analyze administrative due diligence information / data?



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS
BUREAU DES RADIOCOMMUNICATIONS

INTERNATIONAL TELECOMMUNICATION UNION
RADIOCOMMUNICATION BUREAU

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OFICINA DE RADIOCOMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE	LUX-30B-G4-19.2E		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	RES49/1869	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	LUX	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	19.2 E	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2834 / 06.12.2016
NUMÉRO D'IDENTIFICATION LIÉ LINKED IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN ASOCIADO	107559022		NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	115581008	
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL				11.11.2015	

Les renseignements ont été reçus conformément aux § 4, 5 ou 6 de l'annexe 1 à la Résolution 49. Ils sont publiés par le Bureau des radiocommunications en application du § 8 de cette même annexe.	This information has been received pursuant to § 4, 5 or 6 of Annex 1 to Resolution 49. It is published by the Radiocommunication Bureau in accordance with § 8 of that Annex.	La información ha sido recibida de conformidad con los § 4, 5 ó 6 del Anexo 1 a la Resolución 49. Se publica por la Oficina de Radiocomunicaciones en virtud del § 8 de este anexo.
Ces renseignements sur le réseau à satellite sont soumis dans le cadre de	This information is submitted on the satellite network within the scope of	Las informaciones en la red de satélite están sometidas en el cuadro del
§ 1	Annexe 1 à la Résolution 49	Anexo 1 a la Resolución 49
§ 2		
X § 3		

Informations détaillées aussi disponibles sur:

- les bases de données SRS ou SPS que l'on peut consulter à l'aide du logiciel SpaceQry
- ou
- Space Network Systems Online Service: <http://www.itu.int/sns/>

Detailed information also available on the:

- SRS or SPS databases which can be viewed using SpaceQry software
- or
- Space Network Systems Online Service: <http://www.itu.int/sns/>

Información detallada también disponible en:

- las bases de datos SRS o SPS que pueden consultarse utilizando el programa SpaceQry
- o
- Space Network Systems Online Service: <http://www.itu.int/sns/>



What to do with the BR IFIC DVD?

You wish to analyze administrative due diligence information / data?

SECTION SPECIALE / SPECIAL SECTION / SECCIÓN ESPECIAL / 特节 / СПЕЦИАЛЬНАЯ СЕКЦИЯ / القسم الخاص				RES49/1869							
A	A1a Sat. Network	LUX-30B-G4-19.2E	A1f1 Notifying adm.	LUX	A1f3 Inter. sat. org.		BR1 Date of receipt	11.11.2015			
BR6a/BR6b Id. no.		115581008	BR6c Linked Id. no.		107559022	BR3a Provision reference		RS49	BR2 Adm. serial no.		
A4a1 Orbital long.		19.2 E									
BR41 Commercial name		ASTRA 1KR									
BR30 Spacecraft manufacturer		LOCKHEED MARTIN									
BR31 Date of execution of the contract		16.06.2003	BR32 Contractual delivery window From:		25.02.2006	To:	25.02.2006	BR33 Number of satellites procured			1
BR34 Launch vehicle provider		ATLAS - ILS		BR35 Launch vehicle		ATLAS V					
BR36 Date of execution of the contract		16.06.2003	BR37 Anticipated launch or delivery window From:		25.04.2006	To:	25.04.2006				
BR38 Launch facility		CAPE CANAVERAL		BR39 Country / location		USA		BR40 Geographical coordinates			080W31 48 28N27 00
C1 Frequency Range				BR1							
C1a Lower limit		C1b Upper limit		Date of receipt							
10700	MHz	10950	MHz	11.11.2015							
11200	MHz	11450	MHz	11.11.2015							
12750	MHz	13250	MHz	11.11.2015							
BR22 Administration remarks											
BR23 Radiocommunication Bureau comments											



What to do on issue of a BR IFIC?

BR IFIC SPACE

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

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

Databases
 IFIC
 SRS
 Space Plans
 GIMS
SpaceCom
 BR IFIC Archive

SpaceCom
 Draft AP30*D
 Draft CR/D

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 if your comments are included



What to do on issue of a BR IFIC?

BRIFIC SPACE International Frequency Information Circular (Space Services) 30.04.2013

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 BR Circular Letters

Databases
 IFIC
 SRS
 Space Plans
 GIMS
SpaceCom
 BR IFIC Archive

SpaceCom
 Draft AP30*D
 Draft CR/D

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

This info is available on BR IFIC ONLY!!!

Recommended actions:

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

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



What to do on issue of a BR IFIC?

My cost recovery invoices?

BR IFIC 2834 International Frequency Information Circular (Space Services) **06.12.2016**

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
SNS - Removal
Correction

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:
قوائم صادرة في 2010-2012 ولا تزال مستحقة الدفع:

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 à 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:
يود فيما يلي قائمة بجميع القوائم الصادرة حتى اليوم في 2010-2012 لاسترداد تكاليف معالجة بطاقات التبليغ عن الشبكات الساتلية والمستحقة:

Last update / Dernière mise à jour / Última puesta al día / 最近更新日期 / Последнее обновление / في / التحيين 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	57920.00
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	6100008191	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT	7A-30.5E	C1	6100008192	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT	7B-26E	C1	6100008194	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT	7C-20E	C1	6100008196	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	7E-34.5E	C1	6100008197	04.10.2012	04.04.2013	16'360.00
ARS	ARABSAT	7F-44.5E	C1	6100008198	04.10.2012	04.04.2013	16'360.00

Page 1

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	THAI	COM-LS2	2100000128/2010	16.02.2010	16.08.2010	24'020.00
THA	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

Recommended actions

For NOTIF ADM → contacting ITU for payment...

For AFFECTED ADM → for info only

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中文

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Français

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What to do on issue of a BR IFIC?

My SNS data?

SRS MDB

BR IFIC 2834 International Frequency Information Circular (Space Services)

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

Databases

- IFIC
- SRS
- AP30_30A
- AP30B
- GIMS
- SpaceCom

Access to the BR Space IFIC Database Archive

The folder, *Databases\IFIC_Archive*, found on this DVD, contains an archive of all IFIC $nnnn$ 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 IFIC $nnnn$.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.

NOTE:

- 1 The *srs.mdb* file (MS Access format) published on the present BR IFIC $xxxx$ 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 III of Article 4 (Sections II (RR1060) and III (RD1107) of Article 11) of the Radio Regulations, and in accordance with the procedure for publication of information in the procedure, in accordance with Section III of Article 5 (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 IFIC $xxxx$ 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.

Published on DVD only

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 MSPACE 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.

Recommended actions:

For NOTIF ADM / AFFECTED ADM

➔ Updating Database & checking detailed examinations results



What to do on issue of a BR IFIC? *My GIMS data?*

BR IFIC 2834 International Frequency Information Circular (Space Services) 06.12.2016 ITU

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GIMS Database Setup

Introduction

Published 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.

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

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Questions?

BR IFIC (space services) website

<https://www.itu.int/ITU-R/go/space-brific/en>