

# BR IFIC on DVD ROM

RADIOCOMMUNICATION BUREAU  
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# Outline

## BR IFIC (International Frequency Information Circular)

- As received submissions
- View Publications in PDF: Examination findings, administrations identified as affected, BR Notes...
- SpaceCom draft databases
- Cost recovery invoices
- BR softwares included GIBC, Mspace
- Technical results detailed
- CI 46 C... ..



International Frequency Information Circular (Space Services)

**On Tuesdays Every 2 weeks**

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



# BR IFIC (Space Services) Main Menu

**BRIFIC SPACE**

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

ITU

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## BR IFIC Publications

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		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

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# BR IFIC Publications (by ADM)

BRIFIC SPACE



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Selecting only one ADM

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PART III-S/		USA		HIBLEO-2FL2	NGSO		112500226
PART I-S/		USA		USASAT 131	-45		104500213
PART I-S/		USA		NPOESS	NGSO	GILMORE CREEK ALASKA	113505032

# Special Section API/A : Comments is possible ONLY on NGSO/GSO not subject to coordination (if necessary) before 4 months using SpaceCom

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		ADM.	INTERG. ORG.				
API/A/3736 SUP		USA		MER	NGSO		112541427 / 1
API/A/7962 MOD-1		USA		USASAT-55U	-55.5		113540029 / 1

# Section Special CR/C: Check if you are in the list of affected Administrations

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CR/C/3313		CAN		COMMSTELLATION	NGSO		112520490



# Section Special CR/C : Check if you are in the list of affected Administrations



UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS  
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INTERNATIONAL TELECOMMUNICATION UNION  
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UNIÓN INTERNACIONAL DE TELECOMUNICACIONES  
OFICINA DE RADIOCOMUNICACIONES

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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE	<b>COMMSTELLATION</b>		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>CR/C/3313</b>
STATION TERRIENNE EARTH STATION ESTACIÓN TERRENA	---		BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	<b>2743 / 30.04.2013</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>CAN</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>NGSO</b>	NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL				<b>20.12.2012</b>

Tableau I / Table I / Cuadro I / 表一 / Таблица I / الجدول I

Disposition / Provision / Disposición / 条款 / положение / الحكم	Résumé des conditions régissant la coordination 协调要求概述	Summary of coordination requirements Сводные потребности в координации	Resumen de los requisitos de coordinación موجز متطلبات التنسيق
9.7			
9.7A			
X 9.7B	AUS*, G**, USA***		
AP30#7.1			
AP30A#7.1			
RS539			
RS33#3			

Tableau II / Table II / Cuadro II / 表二 / Таблица II / الجدول II

Disposition / Provision / Disposición / 条款 / положение / الحكم	Administrations susceptibles d'être défavorablement influencées (à titre d'information uniquement, voir numéro 9.36.1) 可能受影响的主管部门 (仅供参考, 见第9.36.1款)	Potentially affected administrations (for information only, see No. 9.36.1) Потенциально затрагиваемые администрации (исключительно для информации, см. п. 9.36.1)	Administraciones posiblemente afectadas (sólo para información, véase el N° 9.36.1) إدارات يحتمل أن تتأثر متأثراً غير مؤات (انظر الرقم 1.36.9، على سبيل الإطلاع فقط)
9.11			
X 9.11A			
X 9.12	D, E, F, G, USA		
X 9.12A	ARG, ARS/ARB, ARS, AUS, AZE, B, BGD, BLR, BOL, BUL, CHN, CLM, CT/RAS, CYP, CZE, D, E, EGY, F/ESA, F/EUT, F, G, GRC, HOL, I, INS, IRN, IRQ, ISR, J, KAZ, KOR, LUX, MAU, MEX, MLA, NIG, NOR, PAK, PNG, QAT, RUS/IK, RUS, S, SNG, THA, TUR, UAE, UKR, URG, USA, VTN		
9.13			
9.14			
9.21/A <sup>1</sup>			
9.21/B <sup>1</sup>			
9.21/C <sup>1</sup>			
RS33#2.1			



# LIST OF NETWORKS PUBLISHED IN PART III-S (Unfavorable findings)

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PART III-S/		CHN		SINOSAT-5	110.5		111512037



A	A1a Sat. Network	SINOSAT-5	A1f1 Notifying adm.	CHN	A1f3 Inter. sat. org.		BR1 Date of receipt	20.12.2011	BR20/BR21 BR IFIC no./part	2743/3
	BR6a/BR6b Id. no.	111512037	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.	A		RAIR	R

BR7a/BR7b Group id.	111706073	BR1 Date of receipt	20.12.2011	C2c RR No. 4.4	
A2a Date of bringing into use	21.06.2011	A2b Period of valid.	50	A3a Op. agency	37
A3b Adm. resp.	A	BR16 Value of type C8b		BR62 Expiry date for bringing into use	20.04.2013
BR63 Confirmed date of bringing into use	21.06.2011	BR64 Date of receipt of 1st Res49		BR14 Special Section	
C4a Class of station	EC	C3a Assigned freq. band	100000	C5a Noise temperature	640
C4b Nature of service	CP	C6a Polarization type	M	C6b Polarization angle	
C11a1 Service area no.	1	C11a2 Service area		C11a3 Service area diagram	15

A5/A6 Coordinations/Agreements											
9.7		O		KOR	LUX	USA					
V/11.32A		V		CAN							
X/11.32A		X		J	UAE						
X/9.13		X		F	USA						

C2a1 Assigned frequency											
28.6	GHZ	28.75	GHZ	28.9	GHZ	29.05	GHZ	29.2	GHZ	29.35	GHZ
28.65	GHZ	28.8	GHZ	28.95	GHZ	29.1	GHZ	29.25	GHZ	29.4	GHZ



**Explanation of unfavorable findings**

PARTIE III-S / PART III-S / PARTE III-S / 第三-S部分 / ЧАСТЬ III-S / III-S: الجزء											
A	A1a Sat. Network	SINOSAT-5	A1f1 Notifying adm.	CHN	A1f3 Inter. sat. org.		BR1 Date of receipt	20.12.2011	BR20/BR21 BR IFIC no./part	2743/3	
	BR6a/BR6b Id. no.	111512037	BR3a/BR3b Provision reference	11.2	N	BR2 Adm. serial no.	A		RAIR	R	

28.7	GHZ	28.85	GHZ	29	GHZ	29.15	GHZ	29.3	GHZ			
A13 Ref. to Special Sections		C7a Design. of emission		C8a1/C8b1 Max. peak pwr		C8a2/C8b2 Max. pwr dens.		C8c2 Attch.		C8c3 Min. pwr dens.		
API/A	/4038	1	1M00G9W--	22	-38	3.4	-55.9	15				
CR/C	/1895	2	100KG9W--	12	-38	-6.6	-55.9	15				
		3	50K0G9W--	9	-38	-9.6	-55.9	15				
C10b1 Assoc. earth station id.	C10b2 Type	C10c1 Geographical coord.		C10c2 Ctry	C10d1/C10d2 Cls. / Nat.		C10d3 Max. iso. gain	C10d7 Ant. diameter	C10d9 Ant. dim. (DGSO)	C8g1 Max. aggr. pwr.	C8g2 Aggr. bandwidth	C8g3 Transp. bandwidth = Aggr. bandwidth
TYPICAL-EKA (0.9M)	T				1 TC CP	46.9	0.8	0.9	22	1000		
TYPICAL-EKA (0.75M)	T				1 TC CP	45.	0.97	0.75	22	1000		
C10a Co-polar antenna pattern												
C10b1 Assoc. earth station id.	Co-polar ref. pattern	Coef. A		Coef. B		Coef. C		Coef. D		Phi1	Co-polar rad. diag.	
TYPICAL-EKA (0.9M)	AP8											
TYPICAL-EKA (0.75M)	REC-580-6											

Findings	2D Date of protection	13A Conformity with RR	A- N- N-	3B1 Provision	13B2 Remarks	13B3 Date of Review
13C Remarks						

# Explanation of unfavorable findings

- A- first column : Examination under 11.31 – conformity with the Table of Frequency Allocations and other provisions of RR :  
**FAVORABLE**
- N- second column: Examination under 11.32 – conformity with the coordination procedures:  
**UNFAVORABLE**
- N-third column: 11.32A- probability of harmful interference  
**UNFAVORABLE**
- **CAN BE RESUBMITTED WITH THE APPLICATION OF No.11.41**

# Planned networks (AP30, 30A, 30B)

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AP30-30A/E/625	A	CAN		CAN-BSS1AM	-82		113555001
AP30-30A/E/626	A	CAN		CAN-BSS2AM	-91.1		113555002

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# Special Sections: Part IS/IIS/IIIS



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RÉSEAU À SATELLITE SATELLITE NETWORK RED DE SATÉLITE		<b>CAN-BSS1AM</b>		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	<b>AP30-30A/E/625</b>
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>CAN</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>82 W</b>	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	<b>2743 / 30.04.2013</b>
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE				NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	<b>113555001</b>
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					<b>04.01.2013</b>

Caractéristiques des assignations de fréquence publiées en application de l'Article 4 des Appendices 30 et 30A du Règlement des radiocommunications

La présente Section spéciale concerne des modifications apportées au Plan pour la Région 2 dans les bandes de fréquences 12.2-12.7 GHz pour les liaisons descendantes et 17.3-17.8 GHz pour les liaisons de connexion.

Characteristics of frequency assignments published in application of Article 4 of Appendices 30 and 30A to the Radio Regulations

This Special Section concerns modifications to the Region 2 Plan in the frequency bands 12.2-12.7 GHz for the downlink and 17.3-17.8 GHz for the feeder-link.

Características de asignaciones de frecuencias publicadas conforme al Artículo 4 de los Apéndices 30 y 30A del Reglamento de Radiocomunicaciones

Esta Sección Especial trata de las modificaciones al Plan de la Región 2 en las bandas de frecuencias 12.2-12.7 GHz por los enlaces descendentes y 17.3-17.8 GHz por los enlaces de conexión.

Elle comprend les Parties indiquées ci-dessous par une croix (X) dans la case appropriée.	It is composed of the Parts indicated below by an (X) in the relevant box.	Se compone de las Partes indicadas a continuación con una (X) en la casilla pertinente.
<input checked="" type="checkbox"/> <i>Partie A</i> - Projets de modification au Plan pour la Région 2.	<input checked="" type="checkbox"/> <i>Part A</i> - Proposed modifications to the Region 2 Plan.	<input checked="" type="checkbox"/> <i>Parte A</i> - Modificaciones propuestas al Plan de la Región 2.
<input type="checkbox"/> <i>Partie B</i> - Modifications apportées au Plan pour la Région 2 en conséquence de l'application avec succès des dispositions de l'Article 4 des Appendices 30 et 30A.	<input type="checkbox"/> <i>Part B</i> - Modifications entered in the Region 2 Plan as a result of the successful application of the provisions of Article 4 of Appendices 30 and 30A.	<input type="checkbox"/> <i>Parte B</i> - Modificaciones introducidas en el Plan de la Región 2 como resultado de la aplicación satisfactoria de las disposiciones del Artículo 4 de los Apéndices 30 y 30A.
<input type="checkbox"/> <i>Partie C</i> - Annulation d'une Section spéciale <i>Partie A</i> publiée et/ou des assignations de fréquence du Plan pour la Région 2 conformément au § 4.2.6, à la note de bas de page 16 du § 4.2.8, à la note de bas de page 17 du § 4.2.19 et/ou § 4.2.24 de l'Article 4 des Appendices 30 et 30A ou Résolution 49.	<input type="checkbox"/> <i>Part C</i> - Cancellation of a previously published <i>Part A</i> Special Section and/or frequency assignments from the Region 2 Plan in accordance with § 4.2.6, footnote 16 to § 4.2.8, footnote 17 to § 4.2.19 and/or § 4.2.24 of Article 4 of Appendices 30 and 30A or Resolution 49.	<input type="checkbox"/> <i>Parte C</i> - Cancelación de una <i>Parte A</i> de la Sección Especial previamente publicada y/o de las asignaciones de frecuencia del Plan de la Región 2, de conformidad con el § 4.2.6, la nota 16 del § 4.2.8, la nota 17 del § 4.2.19 y/o § 4.2.24 del Artículo 4 de los Apéndices 30 y 30A ó Resolución 49.
<input type="checkbox"/> <i>Partie D</i> - Liste des administrations dont l'accord est nécessaire pour mener à bien la procédure de l'Article 4 conformément au § 4.2.14ter de l'Article 4 des Appendices 30 et 30A.	<input type="checkbox"/> <i>Part D</i> - List of administrations whose agreements are required for completion of the Article 4 procedure in accordance with § 4.2.14ter of Article 4 of Appendices 30 and 30A.	<input type="checkbox"/> <i>Parte D</i> - Lista de administraciones cuyo acuerdo se necesita para terminar el procedimiento del Artículo 4, de conformidad con el § 4.2.14ter del Artículo 4 de los Apéndices 30 y 30A.

SOU MIS AU TITRE DE  
SUBMITTED UNDER  
SOMETIDO CON ARREGLO A

§ 4.2.6

DATE LIMITE POUR LA RÉCEPTION DES COMMENTAIRES :  
EXPIRY DATE FOR THE RECEIPT OF COMMENTS :  
FECHA LÍMITE PARA LA RECEPCIÓN DE LOS COMENTARIOS :

**30.08.2013**

# Special Sections: Part IS/IIS/IIIS

Administrations et/ou réseaux à satellite affectés

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/الإدارات و

A1f1 Notifying adm.	A1f3 Inter. sat. org.	A1a Sat. Network / A1b Plan beam identification	BR6a Id. no.	A4a1 Orbital long.	BR45 Max. EPM/OEPM degradation
App.30 Art.4, §4.2.3 c) - Annexe 1, §2 et App.30A Art.4, §4.2.2 c) - Annexe 1, §3 App.30 Art.4, §4.2.3 c) - Annex 1, §2 and App.30A Art.4, §4.2.2 c) - Annex 1, §3 Ap.30 Art.4, §4.2.3 c) - Anexo 1, §2 y Ap.30A Art.4, §4.2.2 c) - Anexo 1, §3 附录30第4条, 第4.2.3 c)段- 附件1, 第2段和附录30A第4条, 第4.2.2 c)段 - 附件1, 第3段 Пр. 30 Ст. 4, п. 4.2.3 c) - Дополнение 1, п. 2 Пр. 30А Ст. 4, п. 4.2.2 c) - Дополнение 1, п. 3 الفقرة 3.2.4 ج) من المادة 4 من التبديل 30 - الفقرة 2 من الملحق 1 والفقرة 2.2.4 ج) من المادة 4 من التبديل 30A - الفقرة 3 من الملحق 1					
ARG		ARGINSU4	86550005	94.2 W	0.394
		ARGEUR04	86550009	94.2 W	0.380
ATG		ATGSEJN01	86550011	79.7 W	8.178
B		B NO611	86550023	74.2 W	0.720
		B NO611	86550024	73.8 W	0.591
		B NO711	86550025	74.2 W	0.733
		B NO711	86550026	73.8 W	0.593
		B NO811	86550027	74.2 W	0.638
		B NO811	86550028	73.8 W	0.589
		B SU111	86550030	81.2 W	20.411
		B SU111	86550031	80.8 W	15.987
		B SU211	86550034	81.2 W	21.149
		B SU211	86550035	80.8 W	16.979
		B-SAT-3A-1	110555005	45.1 W	0.718
		B-SAT-3A-2	112555001	44.9 W	0.516
		B-SAT-3C	110555004	70 W	0.311
BAH		BAHIFRB1	86550038	87.2 W	1.574
BOL		BOL00001	86550043	87.2 W	1.864
		BOLSAT BSS	111555008	87.2 W	1.167
BRB		BRB00001	86550044	92.7 W	0.301
CAN		CAN-BSS2	96555003	91.1 W	3.116
		CAN-BSS2X	106555002	91.1 W	3.185
		CAN-BSS3	96555010	72.7 W	0.641
		CAN-BSS6	103555006	72.7 W	0.424
CUB		CUB00001	86550109	89.2 W	1.110
DMA		DMAIFRB1	86550111	79.3 W	5.763
DOM		DOMIFRB2	86550112	83.3 W	17.093
F		AGAT BSS W090	112555008	90 W	2.494
G		IOMSAT-S21	111555002	86.45 W	5.977
		MSR00001	86550147	79.7 W	8.160
		USAT-67W	112555005	67 W	0.391
		USAT-86.5W	112555004	86.5 W	1.534
		USAT-S3 MOD-C	106555007	86.5 W	3.747
		USAT-S3 MOD-D	106555011	86.5 W	0.741
		USAT-S4 MOD-A	109555003	68.5 W	0.526
		USAT-S4 MOD-B	109555008	68.5 W	0.605



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

### Databases

- IFIC
- SRS
- Space Plan
- GIMS
- SpaceCom
- BR IFIC Archive



# DATABASE

- Complete SRS and GIMS databases are now on the BR IFIC DVD

# List of information "As received"

BR IFIC 2743 International Frequency  
Information Circular  
(Space Services)

30.04.2013



BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

As received (Res.55)

Coordination requests

Notification of space stations

Space Plans AP30B

Space Plans AP30 and AP30A

Information

## NOTICES (COORDINATION REQUESTS) RECENTLY RECEIVED UNDER ARTICLE 9

NTC_ID	AMS	ADM	NTWK_ORG	SAT_NAME	LONG_NOM	D-RCV
112520072	A	HOL		NSS-G4-1	-177	12.04.2013
113520071	M	CYP		KYPROS-SAT-5	39	11.04.2013
113520073	A	USA		USASAT-71M	-77.3	08.04.2013
113520070	M	PNG		PACIFISAT KA-2 159E	159	27.03.2013

Information





# Preface & BR News

BRIFIC SPACE



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

30.04.2013



- BR IFIC Publications
- Databases
- As received (Reg 5E)
- Preface**
- Lost recovery
- BR Software
- BR Circular Letters



International Telecommunication Union

Radiocommunication Sector (ITU-R)

RADIOCOMMUNICATION BUREAU

## PREFACE

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

AND

THE SPACE RADIOCOMMUNICATION STATIONS ON DVD

NEWS



## BR IFIC 2731 – NEWS

The Radiocommunication Bureau is pleased to inform your Administration that a restructured Space Network System database version 7.0 (SNS 7.0) and an accompanying software package of updated electronic notification software applications (Space Applications Manager (SAM), capture (SpaceCap), query (SpaceQry), conversion (SRSCovert6to7), publication (SpacePub) and validation (SpaceVal)) of BRsoft version 7.0 (BRsoft 7.0), fully reflecting all the modifications and additions made by WRC-12 to Appendix 4, will be available soon in November 2012 for testing.

For more information see Circular Letter [CR/338](#) of 22 October 2012.

# List of Cost Recovery invoices

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

Cost recovery

Free entitlement

Invoices issued

Overdue invoices

## COST RECOVERY INVOICES FOR SATELLITE NETWORKS FILINGS

Free entitlement

List of satellite networks nominated for annual free entitlement  
as provided for under *decides* 4 of Decision 482 modified (C2005):

# BR Software

BR IFIC 2743 International Frequency  
Information Circular  
(Space Services)

30.04.2018



## BR IFIC Publications

- **SAM** - PC-based software package used to launch ITU-BR Space Software Applications
- **SpaceCap** - which allows the electronic capture and submission of Appendix 4 notices
- **SpaceCom** - management of the comments on Special Sections
- **SpacePub** - an interactive tool to print the details of satellite networks and earth stations
- **SpaceQry** - to query the database and retrieve and view the alphanumeric data
- **SpaceVal** - for validating electronic notices that are in the SNS version 7 database format
- **SRSConvert** - to convert SRS-formatted database from a version 6 into a version 7 (WRC-12)
- **SRSFixdb** - to remove processing data and correct default information in electronic notification databases
- **GIMS** - allows the capture and modification of graphical data and can be used to view the data
- **GIBC** - to carry out calculations relating to PFD, AP8, AP30B, AP7
- **Appendix 7 Capture** - which assists in capturing the input parameters for Appendix 7 software
- **IDWM** - The ITU Digitized World Map contains data files and a library
- **SPS** - allows determination of the coordination requirements subject to a Plan in AP 30/30A
- **SpaceRefdb** - is a setup that will update reference tables used by BR software.

# List of BR Circular Letters

BR IFIC 27 43

International Frequency  
Information Circular  
(Space Services)

30.04.2013



BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

BR Circular Letters

BR Circular Letters

CR/338

Submission of App  
space software and

CR/337

Submission of gra

CR/336

Implementation of  
transitional arrange

CR/334

Implementation of

CR/333

WRC-12 decisions i

CR/331

Implementation of

CR/327

Migration of the BR  
format

CR/323

Implementation of

CR/322

Application of No. 3

INTERNATIONAL TELECOMMUNICATION UNION



*Radiocommunication Bureau*  
(Direct Fax N°. +41 22 730 57 85)

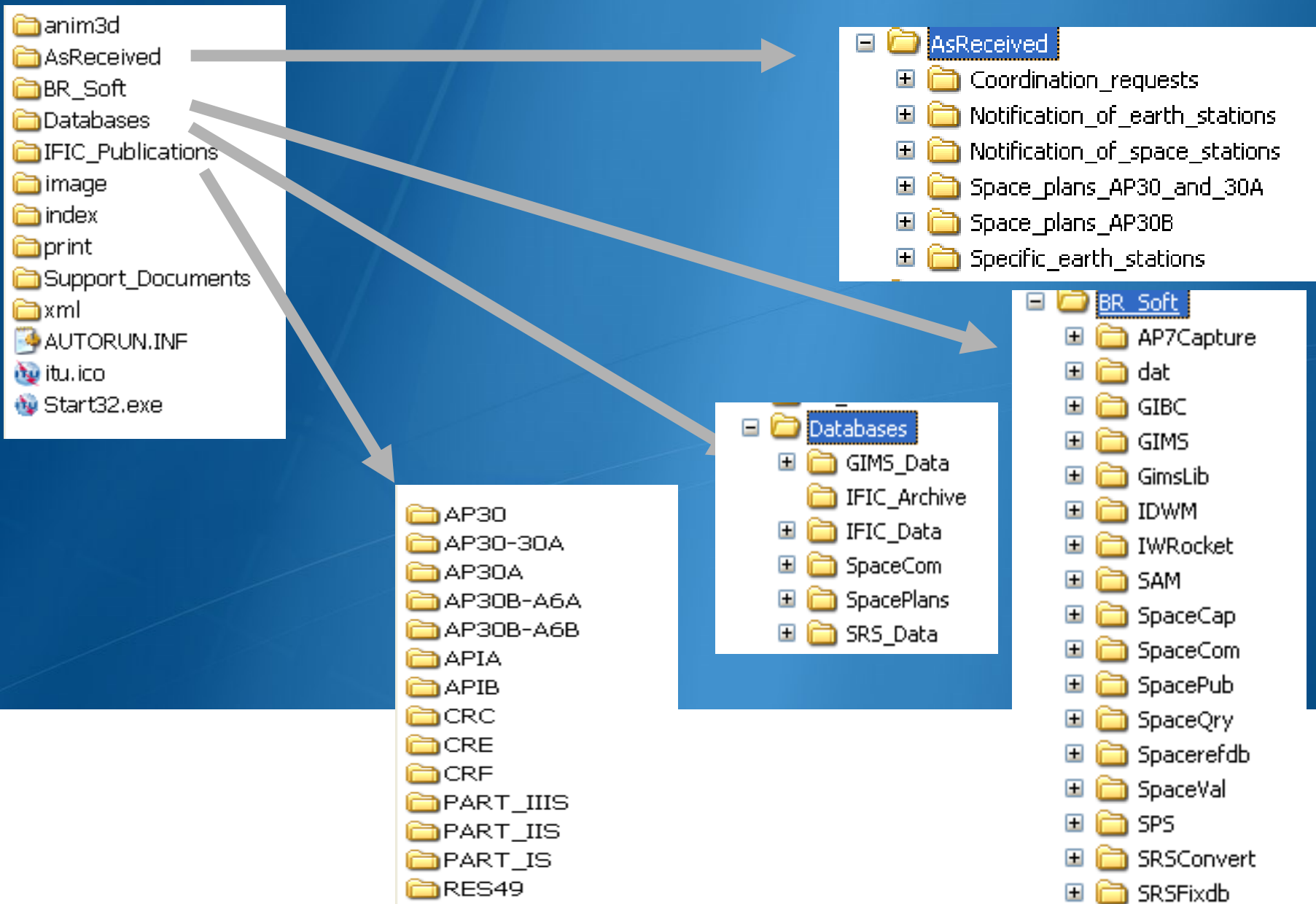
Circular Letter  
CR/343

31 January 2013

To administrations of Member States of ITU

**Subject:** Implementation of provisions relating to the bringing into use and suspension of a frequency assignment to a space station in the geostationary-satellite orbit

# BR IFIC DVD-ROM “explorer” structure



# What to do with the BR IFIC DVD?

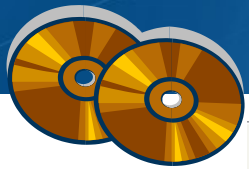


# What to do on issue of a BR IFIC?

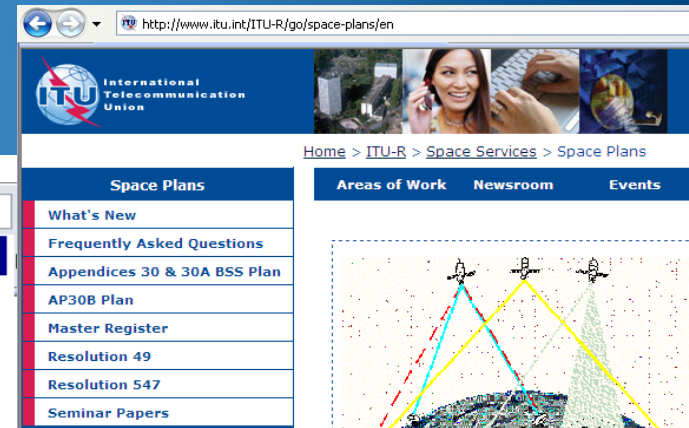
How to see details on publications when my Administration is concerned?

- 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

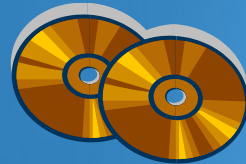


BR IFIC (Space) DVD-ROM



# 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	<b>AM-T AF3 MOD-A</b>			SECTION SPÉCIALE N <sup>o</sup> SPECIAL SECTION No. SECCIÓN ESPECIAL N.º
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	<b>GMO</b>	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	<b>151 E</b>	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF				NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER

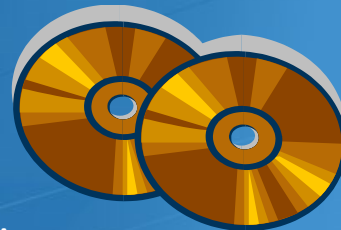




# What to do on issue of a BR IFIC?

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



SpaceQry



SpaceCap/SpacePub



MS Access



SpaceCom  
viewer



# What to do with the BR IFIC DVD?

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

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 the BR IFIC website interface. On the left is a vertical navigation menu with buttons for: 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 buttons for: As received (Res.55), Coordination requests, Notification of space stations, Space Plans AP30B, 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 main menu of the BR IFIC Publications system. On the left, there are buttons for 'BR IFIC Publications', 'Databases', 'As received (Res.55)', 'Preface', 'Cost Recovery', 'BR Software', and 'BR Circular Letters'. In the center, the 'Special Sections' menu is active, listing 'AP30-30A/F/D', 'AP30/E', 'AP30A/E', 'API/A', 'API/B', and 'CR/C'. To the right, the 'Parts I-S, II-S, III-S' menu lists 'PART I-S', 'PART II-S', and 'PART III-S'. Further right, the 'Administrations' menu lists 'IRN' and 'RUS'. Below these menus is the title '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



**IRANDBS3**

UNION INTERNATIONALE DES TÉLÉCOMMUNICATIONS      INTERNATIONAL TELECOMMUNICATION UNION      UNIÓN INTERNACIONAL DE TELECOMUNICACIONES

RÉSEAU A SATELLITE SATELLITE NETWORK RED DE SATELITE		<b>IRANDBS3</b>		SECCION ESPECIAL N.º SPECIAL SECTION No. SECCIÓN ESPECIAL N.º		<b>AP30/E/600</b>	
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE		<b>IRN</b>		LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL		<b>12.5 E</b>	
NOTIFIE AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE				BR IFIC / DATE BR IFIC / FECHA		<b>2731 / 30.10.2012</b>	
NUMERO D'IDENTIFICATION IDENTIFICATION NUMBER NUMERO DE IDENTIFICACION				NUMERO D'IDENTIFICATION IDENTIFICATION NUMBER NUMERO DE IDENTIFICACION		<b>112552002</b>	
RENSEIGNEMENTS RECUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACION RECIBIDA POR LA OFICINA EL				<b>12.05.2012</b>			

Caractéristiques des assignations de fréquence publiées en application de l'Article 4 de l'Appendice 30 du Règlement des radiocommunications. 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.

Characteristics of frequency assignments published in application of Article 4 of Appendix 30 to the Radio Regulations. 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.

Características de asignaciones de frecuencias publicadas conforme al Artículo 4 del Apéndice 30 del Reglamento de Radiocomunicaciones. 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.

Elle comprend les Parties indiquées ci-dessous par une croix (X) dans la case appropriée.

It is composed of the Parts indicated below by an (X) in the relevant box.

Se compone de las Partes indicadas a continuación con una (X) en la casilla pertinente.

[X] <i>Partie A</i> - Projets d'assignations nouvelles ou modifiées dans la Liste pour les Régions 1 et 3.	[X] <i>Part A</i> - Proposed new or modified assignments in the Regions 1 and 3 List.	[X] <i>Parte A</i> - Asignaciones propuestas nuevas o modificadas en la Lista de las Regiones 1 y 3.
[ ] <i>Partie B</i> - Assignations nouvelles ou modifiées ajoutées à la Liste pour les Régions 1 et 3 en conséquence de l'application avec des 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.	[ ] <i>Part B</i> - 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.	[ ] <i>Parte B</i> - 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 optimizada o refundida de las Regiones 1 y 3, conforme a la Resolución 548.

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 - Annex 4 Ap.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-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, VGT, VEN, VZZ/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 on issue of a BR IFIC?

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

**Databases**

SpaceCom

Draft AP30\*D

Draft CR/D

**SpaceCom**

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

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](mailto: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

## 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 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
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 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 في : **22.10.2012**

A1f1 Adm	A1f3 Org	A1a Satellite name	Co2a Invoice No	Co2b Invoice Date	Co2c Invoice Due Date	Co2d 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:  
 برد فيما يلي قائمة بجميع الفواتير 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 / التحديث الأخير في : **22.10.2012**

A1f1 Adm	A1f3 Org	A1a Satellite name	Co1 Category	Co2a Invoice No	Co2b Invoice Date	Co2c Invoice Due Date	Co2d 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:

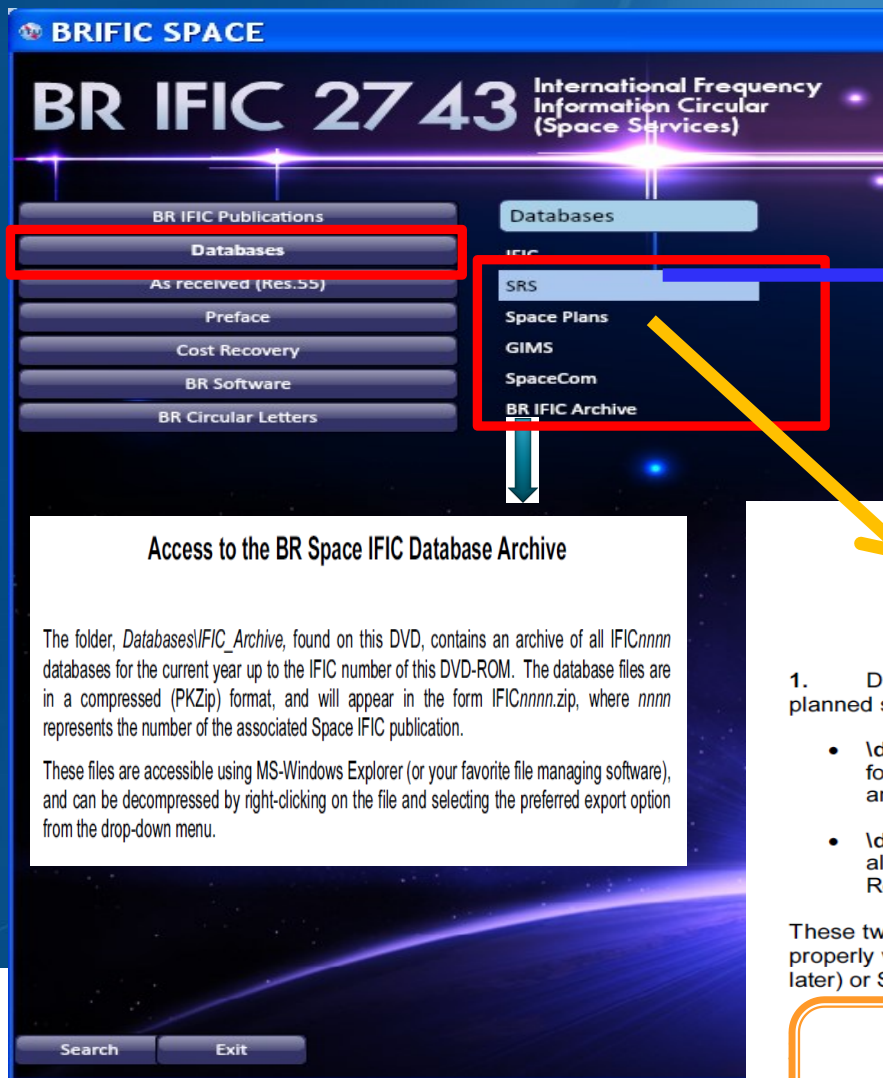
For NOTIF ADM → contacting ITU for payment...

For AFFECTED ADM → for info only





# What to do on i



## 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.

## SRS MDB

### 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 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 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.

## 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.

Pub on DVD only

database contains the detailed GIBC calculation results.

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 2743 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

Pub on DVD only

Search Exit

عربي English 中文 Español Français Русский

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

# Questions?

Possible Answer in <http://www.itu.int/ITU-R/go/space-support>  
for further question: Press “Contact us” = spr@itu.int