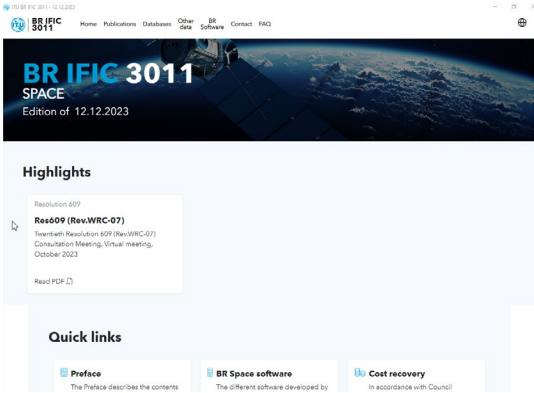


BR IFIC (Space Services)

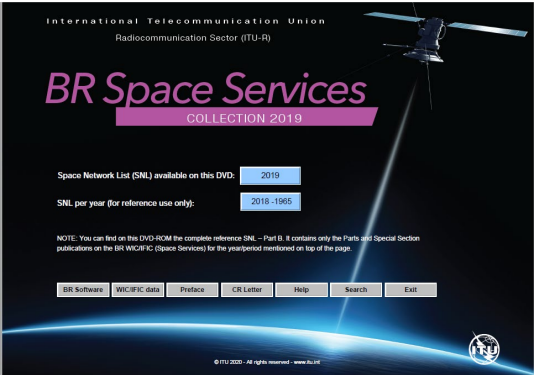


CONTENT OF THE PRESENTATION

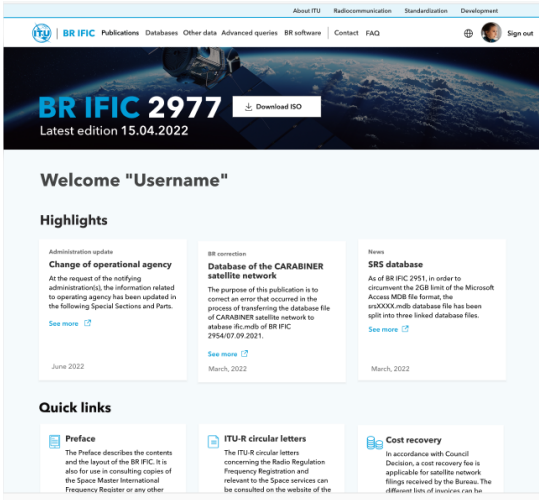
BRIFIC on DVD-ROM and ISO file



WIC/BRIFIC Annual collection



BRIFIC online



Advance Publication Inform

9.1shall send to the Bureau a g description of the network or system publication in the International Freq Information Circular (BR IFIC)

9.1A Upon receipt of the complete sent under No. 9.30, the Bureau sha the basic characteristics of the coorc request, a general description of the system for advance publication in a of the BR IFIC.

9.2B On receipt of the complete inf under Nos. 9.1 and 9.2, the Bureau s in a Special Section of its BR IFIC witl months.

9.3 If, upon receipt of the BR IFIC coi information published under No. **9.2** administration believes that interfer may be unacceptable may be causec or planned satellite networks or syst within four months of the date of pu BR IFIC communicate to the publishi administration its comments on the the anticipated interference to its ex planned systems.

9.38 d) publish22, as appropriate, th complete information in the BR IFIC four

months. Where the Bureau is not in position to comply with the time-lir referred to

above, it shall periodically so inform administrations, giving the reasons therefor.

9.40 e) inform the administrations concerned of its actions and commu the results of its calculations, drawir attention to the relevant BR IFIC.

9.41 Following receipt of the BR IFIC

referrin Nos. **9.7** that it, c identify the date IFIC, inf the ider appropri

11.28 Complete notices shall be marked by the Bureau with their date of receipt and shall be examined in the date order of their receipt.

On receipt of a complete notice the Bureau shall, within no more than two months, publish its contents, with any diagrams and maps and the date of

receipt, in the BR IFIC which shall constitute the acknowledgement to the notifying administration of receipt of its notice12. When the Bureau is not in a position to comply with the time limit referred to above, it shall periodically so inform the administrations, giving the reasons therefor.

11.43 In every case when a new assignment is recorded in the Master Register it shall, in accordance with the provisions of Article 8 of this Chapter, include an indication of the finding reflecting the status of the assignment. This information shall also be published in the BR IFIC.

9.51 Following its action under No. **9.50**, the administration with which coordination was sought under Nos. **9.7** to **9.7B** shall, within fo months of the date of publication of the BR IFIC under No. **9.38**, either inform the requesting administration and the Bureau of its agreement c under No. **9.52**.

9.52 If an administration, following its action und No. **9.50**, does not agree to the request for coordination, it shall, within four mor of the date of publication of the BR IFIC under No. **9.38**, or of the date of dispatch of the

coordination data under No requesting

11.44B A frequency assignment to a space station in the geostationary-satellite orbit shall be considered as having been brought into use when a space station in the geostationary-satellite orbit with the capability of transmitting or receiving that frequency assignment has been deployed and maintained at the notified orbital position for a continuous period of 90 days. The notifying administration shall so inform the Bureau within 30 days from the end of the 90-day period26, 27. On receipt of the information sent under this provision, the Bureau shall make that information available on the ITU website as soon as possible and shall publish it in the BR IFIC. Resolution **40 (WRC-15)** shall apply.

11.49 Wherever the use of a recorded frequency assignment to a space station is suspended for a period exceeding six months, the notifying administration shall inform the Bureau of the date on which such use was suspended. When the recorded assignment is brought back into use, the notifying administration shall, subject to the provisions of No. **11.49.1** when applicable, so inform the Bureau, as soon as possible. On receipt of the information sent under this provision, the Bureau shall make that information available as soon as possible on the ITU website and shall publish it in the BR IFIC.

9.55 All administrations may use correspondence, any appropriate means of telecommunication or meetings, as necessary, to assist in resolving the matter. The results thereof shall be communicated to the Bureau, which shall publish them in the BR IFIC, as appropriate.

9.64 If the disagreement remains unresolved after the Bureau has communicated its conclusions to the administrations involved, the administration which requested coordination shall,



REGULATORY INFORMATION TO BE PUBLISHED IN BR IFIC

BR IFIC



Characteristics of satellite networks, earth stations and radio astronomy stations required in Annex 2 of Appendix 4



List of administrations with which coordination may need to be effected



Findings



Comments received from administrations in response to a BR IFIC



Bringing into use of assignments
Suspension of assignments



Resolution 35 (deployment information)



MAIN FEATURES

BR IFIC

- All PARTs and special section publications are in 6 languages of the Union
 - originally from 10.01.2000 in English, French, Spanish
 - as of 01.01.2005 also in Arabic, Chinese and Russian language
- Format of the BR IFIC
 - From BR IFIC 2410/11.01.2000 CDROM
 - From BR IFIC 2710/10.01.2012 DVD-ROM
 - From BR IFIC 2833/22.11.2016 DUAL Layer DVD-ROM
- ISO image of the DVD-ROM is available for download from the ITU website
- Publications are distributed in PDF format with official ITU logo
- Various database distributed in mdb format accompanying the publications



PUBLICATION SCHEDULE

BR IFIC

Year 2024

BRIFIC No.	Date of publication	BRIFIC No.	Date of publication
3012	09.01.2024	3025	10.07.2024
3013	23.01.2024	3026	24.07.2024
3014	06.02.2024	3027	07.08.2024
3015	20.02.2024	3028	21.08.2024
3016	06.03.2024	3029	04.09.2024
3017	20.03.2024	3030	18.09.2024
3018	03.04.2024	3031	02.10.2024
3019	17.04.2024	3032	16.10.2024
3020	01.05.2024	3033	30.10.2024
3021	15.05.2024	3034	13.11.2024
3022	29.05.2024	3035	27.11.2024
3023	12.06.2024	3036	11.12.2024
3024	26.06.2024		

Year 2023

BRIFIC No.	Date of publication	BRIFIC No.	Date of publication
2987	10.01.2023	3000	11.07.2023
2988	24.01.2023	3001	25.07.2023
2989	07.02.2023	3002	08.08.2023
2990	21.02.2023	3003	22.08.2023
2991	07.03.2023	3004	05.09.2023
2992	21.03.2023	3005	19.09.2023
2993	04.04.2023	3006	03.10.2023
2994	18.04.2023	3007	17.10.2023
2995	02.05.2023	3008	31.10.2023
2996	16.05.2023	3009	14.11.2023
2997	30.05.2023	3010	28.11.2023
2998	13.06.2023	3011	12.12.2023
2999	27.06.2023		



Published *once every two weeks* by the Bureau



Publication date is always on Tuesday



Generally 25 issues per year



4 months time limit for regulatory comments of various provisions start from date of publication of BR IFIC



Schedule available for consultation at:

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



CONTENTS OF THE BR IFIC



Regulatory publications

Special Sections, Part I-S, II-S, III-S



Databases

IFIC, SRS, Gims, SPS



Preface



BR space software



Circular letters related to space services



Cost recovery invoices status



SpaceCOM Draft files

OVERVIEW

Contents of BRIFIC

PUBLICATIONS

MAIN MENU



ITU BR IFIC 3011 - 12.12.2023

BR IFIC 3011 Home Publications Databases Other data BR Software Contact FAQ

BR IFIC 3011

SPACE

Edition of 12.12.2023

Highlights

Resolution 609

Res609 (Rev.WRC-07)

Twentieth Resolution 609 (Rev.WRC-07)
Consultation Meeting, Virtual meeting,
October 2023

[Read PDF](#)



REGULATORY PUBLICATIONS

Contents of BR IFIC



Publications

This list gives access to all Regulatory publications (Part I-S, Part II-S, Part III-S and Special Sections) with the relevant technical files published in the current BR IFIC.

Filters Reset all filters

Special Section / Part: [Type to filter... X] Notifying administration: [Type to filter... X] IGSO: [Type to filter... X]

Satellite name: [Type to filter... X] Orbital position: [Type to filter... X]

Table view | Card view Save list as CSV Download items as ZIP

Special Section / Part	Plan part	Notifying administration	IGSO	Satellite name	Orbital position	Earth station name	Notice ID	Publication Select all	Technical data Select all
AP30B/A6A/725	A	E		HISPASAT-3-58.5W	58.5W		123559015	<input type="checkbox"/>	<input type="checkbox"/>
AP30B/A6B/209	B	CYP		KYPROS-SAT-6	39E		115559040	<input type="checkbox"/>	<input type="checkbox"/>
API/A/13483		CHN		LUNAR CTDRS-2	NGSO		123545294	<input type="checkbox"/>	<input type="checkbox"/>
API/A/13484		USA		LIZZIESAT-1	NGSO		123545303	<input type="checkbox"/>	<input type="checkbox"/>
API/A/13485		J		TATARA-1	NGSO		123545306	<input type="checkbox"/>	<input type="checkbox"/>

Notification for recording in the MIFR:

- **Part I-S**
characteristics of the satellite network, earth station or radio astronomy station, also constitutes the acknowledgement of receipt of the notice

- **Part II-S**
Frequency assignments recorded in the MIFR

- **Part III-S**
Frequency assignments returned to the administrations



Note that these official publications in PDF format are available solely on the BR IFIC

Special sections:

API/A, API/B, API/C
CR/C, CR/F, CR/D, CR/E
AP30/E, AP30A/E, AP30-30A/E
AP30-30A/F/C, AP30-30A/F/D
AP30B/A6A, AP30B/A6B, AP30B/A7
RES4, RES35, RES49, RES552
RES35, Etc.



Databases

- BR IFIC**
The BR IFIC database file contains the AP4 data of satellite networks (non-planned space services), Earth stations or Radioastronomy stations published in the current BR IFIC.
Read PDF [↗](#)
[↓ Open folder](#)
- SRS**
The Space Radiocommunication System (SRS) database file contains the AP4 data of all satellite networks (non-planned space services), Earth stations and Radioastronomy stations.
Read PDF [↗](#)
[↓ Open folder](#)
- GIMS**
The GIMS database file contains the graphical data for the Complete Graphical Interference Management System.
Read PDF [↗](#)
[↓ Open folder](#)
- AP30/30A**
The Space Plans Systems (SPS) database file contains data for assignments in the Appendix 30/30A Plans, Lists and those of pending Articles 2A & 4 networks and Resolution 49 information.
Read PDF [↗](#)
- AP30B**
The Appendix 30B database file contains data for the allotments in the Plan, assignments in the List and those of pending Article 6 networks and Resolution 49 information.
Read PDF [↗](#)
- SRS-RES 35**
The SRS-RES 35 database file contains all the information published in the BR IFIC about the deployed space stations under Resolution 35 (WRC-19).
Read PDF [↗](#)

1. BRIFIC MDB
2. SRS MDB (Space Radiocommunications Stations database)
3. Data for Planned Space Networks
 - AP30_30A (Appendices 30, 30A)
 - AP30B (Appendice 30B)
4. GIMS reference database (REFDB)
5. SpaceCom Draft
 - (draft only for planned networks since WRC-19)
6. EPFD files (Data for Article 22 examination)
7. AP8 database (Results of Appendix 8 Examination of GSO networks)
8. SRS-RES35 MDB (Resolution 35 information)

- The *IFICxxxx.mdb* database (MS Access format) is available from the database menu
- Contains AP4 data of satellite networks, Earth stations or Radioastronomy stations and their corresponding regulatory findings and coordination requirements *that are published in the current BR IFIC* concerning the following publications:
 - PART-IS, PART-IIS and PART-IIIS;
 - Special Sections: API/A, CR/C, CR/F, RES49, RES 552, RES 553 etc.
- BR space software are required to correctly browse and query the data concerning the satellite networks
- An archive of all BR IFIC MDB databases for the current year up to the IFIC number of the current DVD-ROM is found in the folder: Databases\IFIC_Archive.
- IFICxxxx.mdb is also available on the BR website: <https://www.itu.int/sns/demowic.html>

- The *SRSxxxx.mdb* file is distributed solely on the BR IFICxxxx (Space services) and is available from the database menu
 - This database contains information relating to all satellite networks, Earth stations or Radioastronomy stations recorded in the Master International Frequency Register (**MIFR**), published *in requests for coordination* or as *advance publication of information*, as well as *Due Diligence* (Resolution 49 and 552).
 - The information in the SRSxxxx.mdb is a snapshot of the MIFR taken at the time the BR IFICxxxx DVD was produced
 - The SRS database structure is described in detail in Section III, Chapter 1 of the *Preface*
- For a chart on the SRS database structure, please refer to the file SRSDiagramV9.pdf available on the BRIFIC
- In order to properly view and query the srs.mdb file, you should install either BRSIS-SpaceQry, SpaceCap or SpacePub from the BR software menu.

GRAF (GIMS REFERENCE) DATABASE

- Complete GIMS (Graphical Interference Management System) reference database (REFDB) - *GRAFxxxx.mdb* data are published solely on the BR IFICxxxx (Space services)
- *GRAFDBxxxx.mdb* contains all the graphical data that are published only on the BR IFICxxxx (Space Services) and is available from the database menu

SPACE PLAN DATA

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

- Technical characteristics and reference situation (EPM/OEPM – AP30/30A or C/I – AP30B) for Planned networks can be found in the database menu:
 - AP30/30A: SPS_ALL_IFICxxxx
 - AP30B: 30B_xxxx
- The MSPACEg output database and GIBC/PFD(terrestrial) technical examination results for each Appendix 30/30A Article 4 Part A network published in BR IFICxxxx can be found in the technical data
- The GIBC/AP30B output database for each Appendix 30B pending Article 6 network published in BR IFICxxxx can be found in the technical data. This database contains the detailed GIBC/AP30B calculation results.
- All Space Plan data are also distributed at the SSD website: <https://www.itu.int/ITU-R/go/space-plans/en>

1. **SAM** (Space Application Manager): PC-based software package used to launch ITU-BR Space Software Applications
2. **BRSIS-SpaceQry** (Space Query): used to query the database, retrieve and view the alphanumeric data
3. **SpaceCap** (Space Data Capture): allows the capture of electronic notification of Appendix 4 notices
4. **SpacePub** (Space Publication): an interactive tool to print satellite networks and earth stations
5. **BRSIS-SpaceVal** (Space validation): used for validating electronic notices that are in the SNS electronic notice format
6. **SpaceRefdb**: an update tool that will update the reference tables used by BR software
7. **SpaceCom**: management of the comments on API/A, CR/C, AP30/E, AP30A/E, AP30-30A/F/C Special Sections
8. **BRSIS-SRSConvert**: to convert the data contained in an existing SRS-formatted database from a version 8 database (WRC-15) into a version 9 database (WRC-19)
9. **GIMS** (Graphical Interface Management): allows the capture and modification of graphical data relating to the electronic notification of satellite networks
10. **SPS** (Space Plans System, MSPACEg): determination of the coordination requirements for the Plans for space networks in AP 30, 30A and 30B
11. **GIBC** (Graphical Interface for Batch Calculations): provides the user with the ability to carry out calculations on satellite networks relating to PFD examinations, Appendix 7 and 8 and Appendix 30B
12. **EPFD**: the equivalent power flux-density validation software

➤ **BRsoft is distributed *also* on the Bureau's website:**
<https://www.itu.int/ITU-R/go/space-software/en>

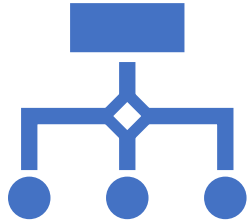


NEWS AND SNS REMOVAL



News

Any relevant information concerning the publications or databases to be brought to the attention of administrations



SNS Removal

For those assignments in coordination and API, where the notification has been recorded in the MIFR, and where the 7 years have passed (see CR/377 dated 27 January 2015)

- <http://www.itu.int/snl/sns-removal.html>

WIC/IFIC – ANNUAL COLLECTION

Annual collection




- The collection of BR WICs (Weekly Information Circulars) and BR IFICs (International Frequency Information Circulars) for Space Services contains Parts and Special Section publications with information on the frequency assignments for space stations, Earth stations or radioastronomy stations submitted to the Radiocommunication Bureau by ITU Member State administrations.
- The collection is distributed on multiple DVD-ROMs and contains archived BR WIC / BRIFIC compiled by time series (1965-1990, 1981-1990, 1991-1995) and from 1996 by year.
- [Purchase on https://www.itu.int/pub/R-SP-LN.IW-2020](https://www.itu.int/pub/R-SP-LN.IW-2020)
- [information on https://www.itu.int/en/ITU-R/space/snl/Pages/collDVD.aspx](https://www.itu.int/en/ITU-R/space/snl/Pages/collDVD.aspx)




- Online application
- ISO file to download (offline application)
- 6 languages
- Links between Regulatory publications and relevant technical files
- Advanced queries
- Beta version from 24.01.2023 (BRIFIC 2988)

The screenshot shows the BRIFIC Space website. At the top, there is a navigation bar with links for 'About ITU', 'Radiocommunication', 'Standardization', and 'Development'. Below this is a header with the ITU logo and 'BRIFIC' text, followed by links for 'Publications', 'Database', 'Other files', 'Advanced query', 'BR software', 'Contact', and 'FAQ'. The main content area features a large banner with the text 'BRIFIC Space' and 'BR International Frequency Information Circular'. Below the banner, there is a description of the service: 'BRIFIC Space Services is a service publication published every two weeks by the Radiocommunication Bureau in accordance with provision Nos. 20.1-20.6 and No. 20.15 of the Radio Regulations. It contains information on the frequency assignments to space stations, Earth stations or radioastronomy stations submitted by administrations to the Radiocommunication Bureau for recording in the Master International Frequency Register, as well as those that are submitted under the relevant provisions of the Radio Regulations or that are subject to the Appendices 30, 30A and 30B Plans. The information published corresponds to the recorded assignments as well as the notifications still being processed'. To the right of the main content, there is a 'Sign in' form with fields for 'Username' and 'Password', a 'Log in' button, and a link for 'Forgot your password? please contact sales: sales@itu.int'. Below the sign-in form is a 'Subscribe' section with a 'Subscribe' button. At the bottom, there is a section titled 'All editions' with a table of publications:

2022		2021	
BR IFIC 2977	15.04.2022	BR IFIC 2976	01.04.2022
BR IFIC 2975	15.03.2022	BR IFIC 2974	01.03.2022
BR IFIC 2973	15.02.2022	BR IFIC 2972	01.02.2022
BR IFIC 2971	15.01.2022	BR IFIC 2970	01.01.2022
		BR IFIC 2969	01.01.2022

 **BR IFIC** Publications Databases Other data Advanced queries BR software | Contact FAQ   Sign out



BR IFIC 2977

Latest edition 15.04.2022

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Welcome "Username"

Highlights

Administration update

Change of operational agency

At the request of the notifying administration(s), the information related to operating agency has been updated in the following Special Sections and Parts.

[See more](#)

June 2022

BR correction

Database of the CARABINER satellite network

The purpose of this publication is to correct an error that occurred in the process of transferring the database file of CARABINER satellite network to atabase ific.mdb of BR IFIC 2954/07.09.2021.

[See more](#)

March, 2022

News


SRS database

As of BR IFIC 2951, in order to circumvent the 2GB limit of the Microsoft Access MDB file format, the srsXXXX.mdb database file has been split into three linked database files.

[See more](#)


March, 2022

Quick links




Preface

The Preface describes the contents and the layout of the BR IFIC. It is also for use in consulting copies of the publication.




ITU-R circular letters

The ITU-R circular letters concerning the Radio Regulation Frequency Registration and Allocation.



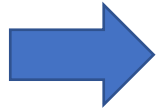
Cost recovery

In accordance with Council Decision, a cost recovery fee is applicable for satellite network registration.

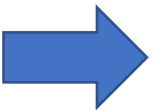


REGULATORY PUBLICATIONS

Criteria for filtering



Publications



BRIFIC BETA 3012 Home Publications Databases Other data Advanced query BR Software Contact FAQ

Filters Reset all filters x

Special Section / Part x

Notifying administration x

IGSO x

Satellite name x

Orbital position x

Table view Card view Save list as CSV Download items as ZIP

Special Section / Part	Plan part	Notifying administration	IGSO	Satellite name	Orbital position	Earth station name	Notice ID	Publication	Technical data
API/B/2436		J		DENDEN	NGSO		123545175	<input type="checkbox"/>	<input type="checkbox"/>
API/B/2439		ARG		ALEPH-3-X6	NGSO		123545177	<input type="checkbox"/>	<input type="checkbox"/>
CR/C/6034		E		HISPASAT-LEO-ATL-C	NGSO		123520074	<input type="checkbox"/>	<input type="checkbox"/>
CR/C/6036		MLA		MEASAT-22.4W-23	22.4W		123520097	<input type="checkbox"/>	<input type="checkbox"/>
CR/C/6038		MLA		MEASAT-75.5W-23	75.5W		123520098	<input type="checkbox"/>	<input type="checkbox"/>



Publication



Data files



PUBLICATION CARD

BRIFIC ONLINE

BR IFIC - Space - Publication Card

CR/C/6035

Notice ID
123520099

Satellite name
MEASAT-41.2W-23

Notifying administration
MLA

IGSO

Earth station name

Orbital position
41.2W

Select all

Publication

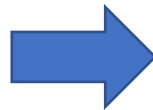
Technical data

AP8 result

TSUM

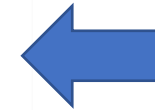
[Download as ZIP](#)

Information on the publication



Files to download:

- Regulatory publication
- Data files



OTHER DATA

BRIFIC ONLINE

Other data

Technical data

SNS Removal

SpaceCom Draft

Filters

Reset all filters ×

Data type

Type to filter...

×

Table view

Card view

Download items as ZIP

Notice ID	Satellite Network Name	Orbital position	Notifying administration	IGSO	Special Section / Part	Data type	Technical data Select all
123520074	HISPASAT-LEO-ATL-C	NGSO	E		CR/C/6034	TSUM	<input type="checkbox"/>
123520097	MEASAT-22.4W-23	22.4W	MLA		CR/C/6036	AP8 result	<input type="checkbox"/>
123520097	MEASAT-22.4W-23	22.4W	MLA		CR/C/6036	TSUM	<input type="checkbox"/>
123520099	MEASAT-41.2W-23	41.2W	MLA		CR/C/6035	AP8 result	<input type="checkbox"/>

Type of data


Download



Databases

BR IFIC


The BR IFIC database file contains the AP4 data of satellite networks (non-planned space services), Earth stations or Radioastronomy stations published in the current BR IFIC.

Read PDF 

 [Download MDB \(10 Mb\)](#)

SRS


The Space Radiocommunication System (SRS) database file contains the AP4 data of all satellite networks (non-planned space services), Earth stations and Radioastronomy stations.

Read PDF 

 [Download MDB \(492 Mb\)](#)

GIMS


The GIMS database file contains the graphical data for the Complete Graphical Interference Management System.

Read PDF 

 [Download MDB \(819 Mb\)](#)

AP30/30A


The Space Plans Systems (SPS) database file contains data for assignments in the Appendix 30/30A Plans, Lists and those of pending Articles 2A & 4 networks and Resolution 49 information.

Read PDF 

 [Download MDB \(73 Mb\)](#)

AP30B


The Appendix 30B database file contains data for the allotments in the Plan, assignments in the List and those of pending Article 6 networks and Resolution 49 information.

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 [Download MDB \(26 Mb\)](#)

SRS-RES 35

The SRS-RES 35 database file contains all the information published in the BR IFIC about the deployed space stations under Resolution 35 (WRC-19).

Read PDF 

 [Download MDB \(372 Kb\)](#)