



Space Plans Workshop (AP30/30A/30B)

BR Publication In BR IFIC and ITU Website

SSD Space Notification and
Plans Division

Outline

1. BR IFIC (Space Services)

- ✓ List of networks published
- ✓ Special Sections, Part IS, Part IIS and Part IIIS
- ✓ Databases for Space Plans
- ✓ Other related data

2. Space Plans on the ITU Website

- ✓ AP30/30A
- ✓ AP30B
- ✓ SNL On line
- ✓ SNS On line

Outline

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BR IFIC (Space Services) - Main Screen

BRIFIC SPACE

BR IFIC 2723 International Frequency Information Circular (Space Services) **10.07.2012** 

BR IFIC Publications

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

Special Sections

-- ALL --

- AP30-30A/E
- AP30/E
- AP30A/E
- AP30B/A6A
- AP30B/A6B
- API/A

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

-- ALL --

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

Administrations

AUS

- CAN
- CHN
- CYP
- D
- E
- F

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/594	A	PNG		AFRISAT BSS-3W	-3		112552003
AP30/E/595	A	G		UKPAC BSS-1	172		112552004
AP30/E/596	A	PNG		PACIFISAT BSSA-59E	59		112552005
AP30/E/597	A	PNG		PACIFISAT BSSA-61E	61		112552006
AP30-30A/E/598	A	G		USAT-67W	-67		112555005
AP30A/E/593	A	IRN		IRANDBS3	12.5		112554002
AP30A/E/594	A	PNG		AFRISAT BSS-3W	-3		112554003
AP30B/A6A/220	S			SIRIUS-30B-5E-5	5		112559007
AP30B/A6B/53 SUP	F		EUT	EUTELSAT EXB-70.5E_C	70.5		100559013
AP30B/A6B/54	E			HISPASAT-1E	-30		107559010
API/A/7525		USA		USASAT-30E	NGSO		112540285
API/A/7527		IND		MMI	NGSO		112540303
API/A/7528		IND		RISAT	NGSO		112540304

Search Exit

عربي
English
中文
Español
Français
Русский

List of networks published on BR IFIC

BRIFIC SPACE

BR IFIC 2723 International Frequency Information Circular (Space Services) 10.07.2012

ITU

BR IFIC Publications

Databases

As received (Res.55)

Preface

Cost Recovery

BR Software

BR Circular Letters

Special Sections

-- ALL --

AP30-30A/E

AP30/E

AP30A/E

AP30B/A6A

AP30B/A6B

API/A

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

-- ALL --

PART I-S

PART II-S

PART III-S

Administrations

AUS

CAN

CHN

CYP

D

E

F

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

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/594	A	PNG		AFRISAT BSS-3W	-3		112552003
AP30/E/595	A	G		UKPAC BSS-1	172		112552004
AP30/E/596	A	PNG		PACIFISAT BSSA-59E	59		112552005
AP30/E/597	A	PNG		PACIFISAT BSSA-61E	61		112552006
AP30-30A/E/598	A	G		USAT-67W	-67		112555005
AP30A/E/593	A	IRN		IRANDBS3	12.5		112554002
AP30A/E/594	A	PNG		AFRISAT BSS-3W	-3		112554003
AP30B/A6A/220		S		SIRIUS-30B-5E-5	5		112559007
AP30B/A6B/53 SUP		F	EUT	EUTELSAT EXB-70.5E_C	70.5		100559013
AP30B/A6B/54		E		HISPASAT-1E	-30		107559010
API/A/7525		USA		USASAT-30E	NGSO		112540285
API/A/7527		IND		MMI	NGSO		112540303
API/A/7528		IND		RISAT	NGSO		112540304

Search Exit

عربي English 中文 Español Français Русский

Special Sections, Part IS, Part IIS and Part IIIS



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 SATELITE		USAT-67W		SECTION SPÉCIALE N° SPECIAL SECTION No. SECCIÓN ESPECIAL N.º	AP30-30A/E/598
ADM. RESPONSABLE RESPONSIBLE ADM. ADM. RESPONSABLE	G	LONGITUDE NOMINALE NOMINAL LONGITUDE LONGITUD NOMINAL	67 W	BR IFIC / DATE BR IFIC / DATE BR IFIC / FECHA	2723 / 10.07.2012
NOTIFIÉ AU NOM DE NOTIFIED ON BEHALF OF NOTIFICADA EN NOMBRE DE				NUMÉRO D'IDENTIFICATION IDENTIFICATION NUMBER NÚMERO DE IDENTIFICACIÓN	112555005
RENSEIGNEMENTS REÇUS PAR LE BUREAU LE / INFORMATION RECEIVED BY THE BUREAU ON / INFORMACIÓN RECIBIDA POR LA OFICINA EL					06.03.2012

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"/> Partie A - Projets de modification au Plan pour la Région 2.	<input checked="" type="checkbox"/> Part A - Proposed modifications to the Region 2 Plan.	<input checked="" type="checkbox"/> Parte A - Modificaciones propuestas al Plan de la Región 2.
<input type="checkbox"/> Partie B - 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"/> Part B - 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"/> Parte B - 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"/> Partie C - Annulation d'une Section spéciale Partie A 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"/> Part C - Cancellation of a previously published Part A 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"/> Parte C - Cancelación de una Parte A 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 o Resolución 49.
<input type="checkbox"/> Partie D - 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"/> Part D - 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"/> Parte D - 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 :	10.11.2012
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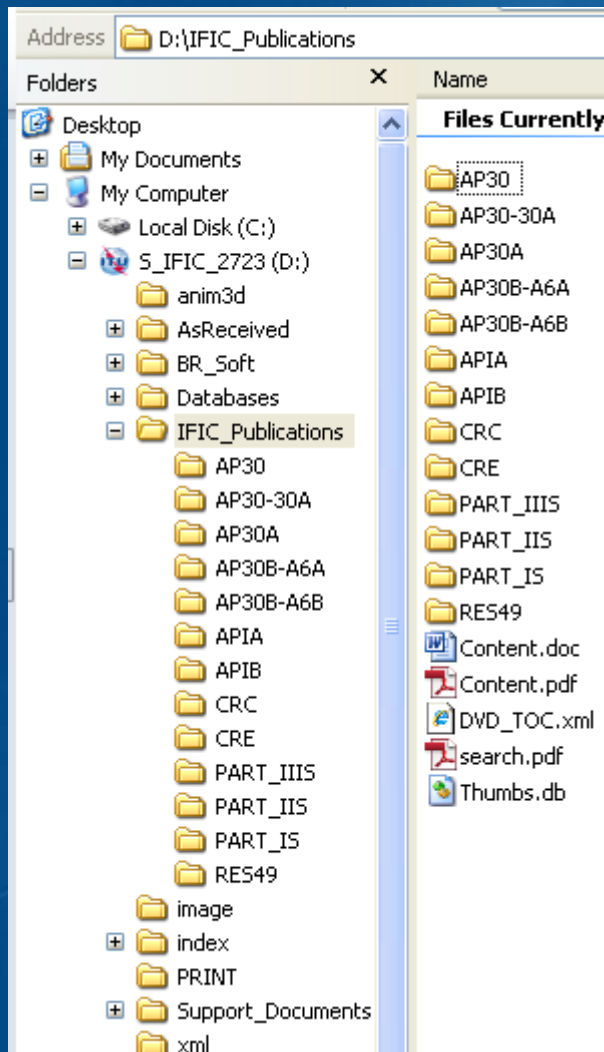
Special Sections, Part IS, Part IIS and Part IIIS

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/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 التذييل 30 - الفقرة 2 من الملحق 1 والفقرة 2.2.4 ج) من المادة 4 من التذييل 30A - الفقرة 3 من الملحق 1					
ARG		ARGINSU4	86550005	94.2 W	0.251
		ARGINSU5	86550006	55.2 W	1.103
		ARGNORT5	86550008	54.8 W	0.708
		ARGSUR05	86550010	55.2 W	1.574
ATG		ATGGSJN01	86550011	79.7 W	0.647
B		B CB311	86550013	64.2 W	9.338
		B CB311	86550014	63.8 W	8.178
		B CB411	86550017	64.2 W	8.158
		B CB411	86550018	63.8 W	6.422
		B CB511	86550021	64.2 W	7.903
		B CB511	86550022	63.8 W	6.326
		B NO611	86550023	74.2 W	1.660
		B NO611	86550024	73.8 W	1.745
		B NO711	86550025	74.2 W	1.681
		B NO711	86550026	73.8 W	1.748
		B NO811	86550027	74.2 W	1.503
		B NO811	86550028	73.8 W	1.763
		B SU111	86550030	81.2 W	0.445
		B SU111	86550031	80.8 W	0.396
		B SU211	86550034	81.2 W	0.508
		B SU211	86550035	80.8 W	0.492
		B-SAT-3A-1	110555005	45.1 W	2.171
		B-SAT-3A-2	112555001	44.9 W	1.224
		B-SAT-3C	110555004	70 W	7.786
		B-SAT-3Q	112555003	61 W	2.472
CAN		CAN01101	86550046	137.8 W	0.260
		CAN01201	86550047	138.2 W	0.266
		CAN01201	86550048	137.8 W	0.281
		CAN01606	86550069	70.7 W	3.884
		CAN01606	86550070	70.3 W	6.405
		CAN03101	86550071	138.2 W	0.266
		CAN03201	86550073	138.2 W	0.285
		CAN03606	86550095	70.7 W	3.857
		CAN03606	86550096	70.3 W	6.317
		CAN-BSS1	96555002	82 W	1.784
		CAN-BSS1X	106555001	82 W	1.860



Special Sections, Part IS, Part IIS and Part IIIS (Cont.)



1. AP30/30A Special Sections (Part A, B, C, D):

- ✓ For Region 2: \IFIC_Publications\AP30-30A
- ✓ For R1&3 BSS: \IFIC_Publications\AP30
- ✓ For R1&3 Feeder-link BSS: \IFIC_Publications\AP30A

(Note: names are given in accordance with corresponding Special Section numbers. e.g. AP30e0422.pdf)

2. AP30B Special Sections (A6A, A6B, A7): \IFIC_Publications\AP30B

(Note: names are given in accordance with corresponding Special Section numbers. e.g. AP30B-A6a0102.pdf)

3. Notification Publications:

- ✓ For Part IS: \IFIC_Publications\PART_IS
- ✓ For Part IIS: \IFIC_Publications\PART_IIS
- ✓ For Part IIIS: \IFIC_Publications\PART_IIIS

(Note: names are given in accordance with corresponding Part and Notice identification number. e.g. part1s_110560003.pdf)

4. Res 49 Publication : \IFIC_Publications\RES49

(Note: names are given in accordance with corresponding Special Section numbers.

e.g. RES491410.pdf)

Databases for Space Plans on BR IFIC

1. AP30/30A

Corresponds to BR IFIC number

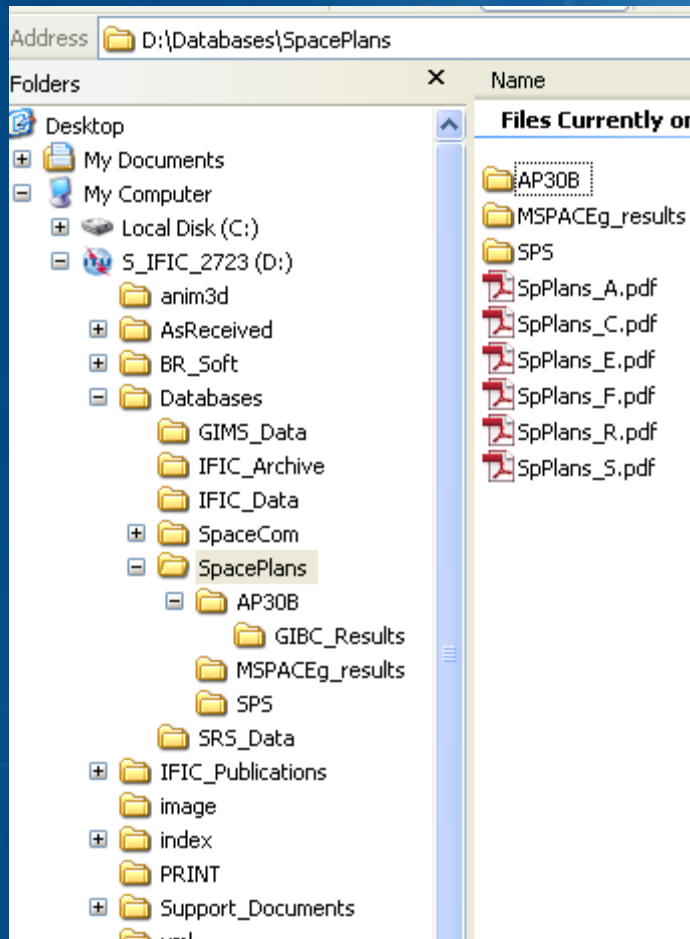
✓ SPS_ALL_IFICnnnn.mdb

\Databases\SpacePlans\SPS

✓ MSPACE results database: for each Article 4 Part A network.

\Data\SpacePlans\MSPACEg_results

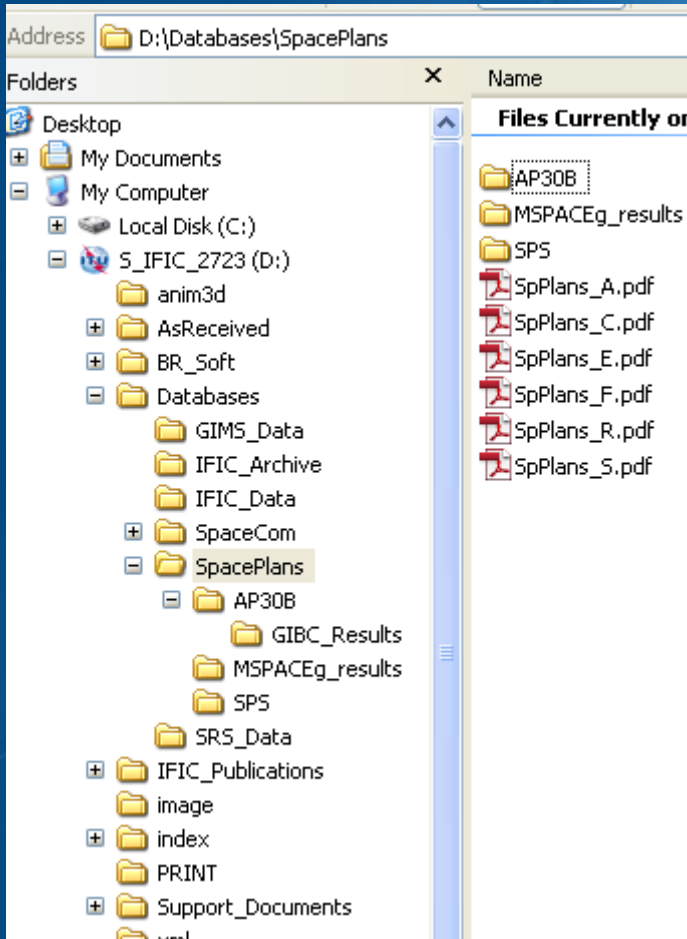
e.g “AP30-30A_USAT-67W_mspace_results.mdb” contain the Mspace results for the *USAT-67W* network under Appendix30.



Databases for Space Plans on BR IFIC (Cont.)

2. AP30B

Corresponds to BR IFIC number



✓ 30B_nnnn.mdb

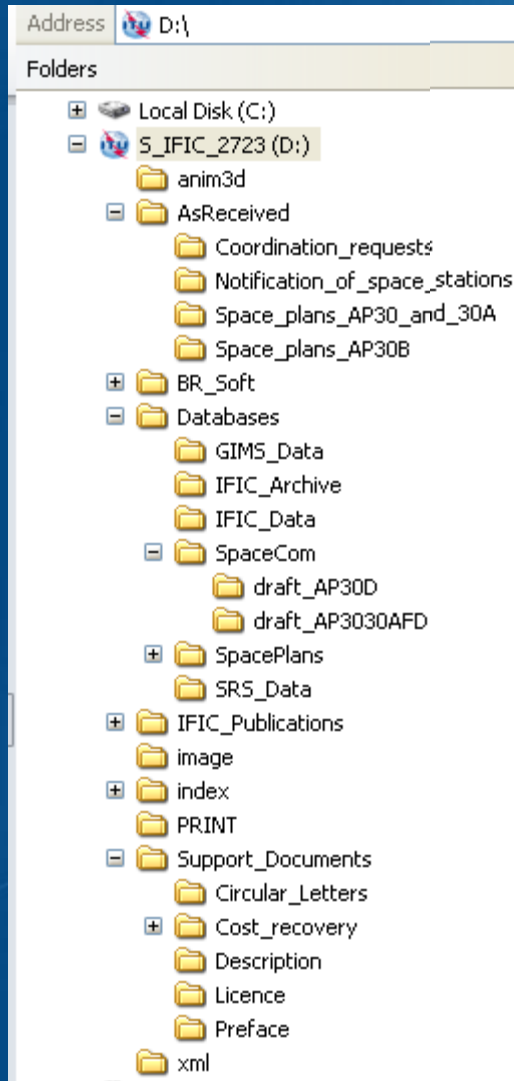
\Databases\SpacePlans\AP30B

✓ GIBC/AP30B results database:

\Databases\SpacePlans\AP30B\GIBC_Results

e.g “112559007_SIRIUS-30B_5E-5_results.mdb”
contain the GIBC/AP30B results for the
SIRIUS-30B_5E-5 network.

Other published data related to Space Plans on BR IFIC



1. As received published in BR IFIC:

✓ For AP30/30A:
 \AsReceived\Space_plans_AP30_and_30A

✓ For AP30B:
 \AsReceived\Space_plans_AP30B

(Note: names are given in accordance with ntc_id given by BR and submitted satellite name. e.g. 110555001_usabss-33.zip)

2. GIMS database (grefdbnnnn.mdb):

\Databases\GIMS_Data

Complete
GIMS
database (no
need of GIMS
update)

3. Draft Part D or F/D SpaceCom files:

✓ For AP30*/E/D:
 \Databases\SpaceCom\draft_AP30D

✓ For AP30-30A/F/D:
 \Databases\SpaceCom\draft_AP3030AFD

4. Cost recovery invoices:

\Support_Documents\Cost_recovery

Outline

1. BR-IFIC (Space Services)

- ✓ List of networks published
- ✓ Special Sections, Part IS, Part IIS and Part IIIS
- ✓ Databases for Space Plans
- ✓ Other related data

2. Space Plans on the ITU Website

- ✓ AP30/30A
- ✓ AP30B
- ✓ SNL On line
- ✓ SNS On line

Space Plans on the ITU Website

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

The screenshot shows the ITU Space Plans website. The browser address bar displays <http://www.itu.int/ITU-R/go/space-plans/en>. The page features a navigation menu on the left with categories like 'Space Plans', 'Areas of Work', and 'Databases and Services'. The main content area includes a 'Welcome' message and several paragraphs of text regarding satellite network operators and service providers. A sidebar on the right contains 'Information' and 'Groups' sections with various links. Callout boxes are overlaid on the page, pointing to specific elements:

- To What's New page**: Points to the 'What's New' link in the left navigation menu.
- To AP30/30A page**: Points to the 'Appendices 30 & 30A BSS Plan' link in the left navigation menu.
- To AP30B page**: Points to the 'AP30B Plan' link in the left navigation menu.
- To SNL and SNS**: Points to the 'SNL' and 'SNS' links in the 'Databases and Services' section of the left navigation menu.

The main content area contains the following text:

Welcome to the **Space Plans** section of the ITU website. Here you will find information concerning planned satellite

satellite network operators and service providers. News and updates to these pages can be found on the [What's New](#) page.

The World Radiocommunication Conference 2000 (WRC-2000) revised the Broadcasting-Satellite Service (BSS) downlink Plan and associated feeder-link Plans for countries in Regions 1 and 3. The Conference also created a BSS downlink List and associated feeder link Lists for countries in Regions 1 and 3.

The [World Radiocommunication Conference](#), Geneva, 2003 (WRC-03) revised Appendices **30** and **30A** to the Radio Regulations. In accordance with Resolution **546** (WRC-03), the revised Appendices **30** and **30A** entered into force on 5 July 2003 with the exception of the footnotes to § 4.1.5, 4.1.15, 4.2.8 and 4.2.19 and the revised Annexes. Those footnotes entered into force on 1 August 2003 and the revised Annexes entered into force on 1 January 2004.

The [World Radiocommunication Conference](#), Geneva, 2007 (WRC-07) adopted the revised provisions and associated Plan for the fixed-satellite service (FSS), as contained in Appendix **30B (Rev.WRC-07)**. In accordance with *resolves 4* of Resolution **149 (WRC-07)**, the Bureau will use the revised Appendix **30B** in its examination of submissions under that Appendix received on and after 17 November 2007, as well as submissions received before but not yet processed at that time.

Any modifications or amendments to the Plans or Lists should be submitted to the ITU-R in electronic format. Submissions under Article 4 of Appendices **30**, **30A** and **30B** shall be based on Annexes 2A and 2B of Appendix **4**. For further information, see the [FAQ](#).

The right sidebar contains the following sections:

Information

- [Space Plan assignments recorded in the Master register](#)
- [Frequently Asked Questions related to Space Plans](#)
- [Circular Letters related to Space Plans](#)
- [Seminar Papers](#)
- [Radio Regulations, Edition of 2007](#)
- [Description of the "Worst Case Approach"](#)

Groups

- [ITU-R Study Group 4 - Work Party 4A: Efficient spectrum utilization](#)
- [ITU-R Study Group 6 - Work Party 6S: Satellite Broadcasting \(formerly known as JWP 10-6S\)](#)
- [Special Committee on Regulatory/Procedural Matters \(SC\)](#)

AP30/30A webpage

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

The screenshot shows the ITU-R Space Services webpage. The top navigation bar includes 'Home > ITU-R > Space Services > Space Plans'. A search bar is located on the right. The main content area is titled 'News and Updates' and contains a list of news items. A yellow callout box with a red border highlights the text 'Updates of Master Register, AP30/30A/30B new Publications, Resolution 49, etc.' with red arrows pointing to the relevant news items. The left sidebar contains a 'Libraries' section with 'Space Plans' highlighted, and a 'Databases and Services' section with 'SNL' and 'SNS' listed.

Home > ITU-R > Space Services > Space Plans

Search: Google™ Custom Search

Libraries

Space Plans

- What's New
- Frequently Asked Questions
- Appendices 30 & 30A BSS Plan
- AP30B Plan
- Master Register
- Resolution 49
- Resolution 547
- Seminar Papers

Databases and Services

- SNL
- SNS

Areas of Work Newsroom Events Publications Statistics About ITU

News and Updates

Updates of Master Register, AP30/30A/30B new Publications, Resolution 49, etc.

- [Regions 1 & 3 List Updated](#)
(30 October 2012) Pursuant to § 4.1.15 of Appendix 30, the Article 4 procedure for the INTERSPUTNIK-74.9E-B satellite network has been successfully completed. The subject assignments have therefore been recorded in the Regions 1 & 3 List and published in Part B Special Section in BR IFIC 2731. The Reference Situation (EPM) of the Plan and List for Regions 1 and 3 and of other Article 4 submissions, which are still at the stage of application of that Article, has been updated accordingly.
- [Further Satellite networks treated under Article 4 of Appendices 30 and 30A](#)
(30 October 2012) The Bureau has treated additional satellite networks in application of Article 4 of Appendices 30 and 30A and published them in BR IFIC 2731.
- [Master Register Updated](#)
(30 October 2012) Pursuant to § 5.2.2 of Appendix 30, the Article 5 procedure for RST-1A and INTERSPUTNIK-74.9E-B satellite networks has been successfully completed. The subject assignments have therefore been recorded in the Master Register and published under Parts I-S and II-S of BR IFIC 2731. The [Master Register Database](#) has been updated accordingly.
- [Appendix 30B Plans Updated](#)
(16 October 2012) The Appendix 30B FSS Plans and Lists were updated.
- [Master Register Updated](#)
(16 October 2012) Pursuant to § 5.2.2 of Appendix 30, the Article 5 procedure for DBL-G3-23.5E, DBL-G3-28.2E and DBL-G3-31.5E satellite networks has been successfully completed. The subject assignments have therefore been recorded in the Master Register and published under Parts I-S and II-S of BR IFIC 2730. The [Master Register Database](#) has been updated accordingly.
- [Regions 1 & 3 List Updated](#)
(16 October 2012) Pursuant to § 4.1.15 of Appendix 30, the Article 4 procedure for the DBL-G3-23.5E, DBL-G3-28.2E and DBL-G3-31.5E satellite networks has been successfully completed. The subject assignments have therefore been included in the Regions 1 & 3 List and published in Part B Special Section in BR IFIC 2730. The Reference Situation (EPM) of the Plan and List for Regions 1 and 3 and of other Article 4 submissions, which are still at the stage of application of that Article, has been updated accordingly.
- [Appendix 30B Plans Updated](#)
(02 October 2012) The Appendix 30B FSS Plans and Lists were updated.
- [Further Satellite networks treated under Article 4 of Appendices 30 and 30A](#)
(02 October 2012) The Bureau has treated additional satellite networks in application of Article 4 of Appendices 30 and 30A and published them in BR IFIC 2729.
- [Appendix 30B Plans Updated](#)
(18 September 2012) The Appendix 30B FSS Plans and Lists were updated.

AP30/30A webpage

<http://www.itu.int/en/ITU-R/space/plans/Pages/AP30-30A.aspx>

Appendices 30 & 30A BSS Plan

Home > ITU-R > Space Services > Space Plans

Search: Google Custom Search

Advanced Search

Libraries

Space Plans

What's New

Frequently Asked Questions

Appendices 30 & 30A BSS Plan

AP30B Plan

Master Register

Resolution 49

Resolution 547

Seminar Papers

Databases and Services

SNL

SNS

Areas of Work Newsroom Events Publications Statistics About ITU

Appendices 30 & 30A BSS Plan (including associated MSPACEg software)

Various World Radiocommunication Conferences have revised Appendices 30 and 30A to the Radio Regulations. The Bureau is using the revised Appendices 30 and 30A as adopted at WRC-12 in its examination of the regulator aspects of submissions to modify the Plans/Lists. It is also publishing the related Special Sections, that contain the network characteristics and coordination requirements.

The latest reference situations resulting from these modifications to the constantly evolving Plans/Lists are contained in the SPS Version 6.1 database below.

Space Plans Systems (SPS) Version 6.1 Database

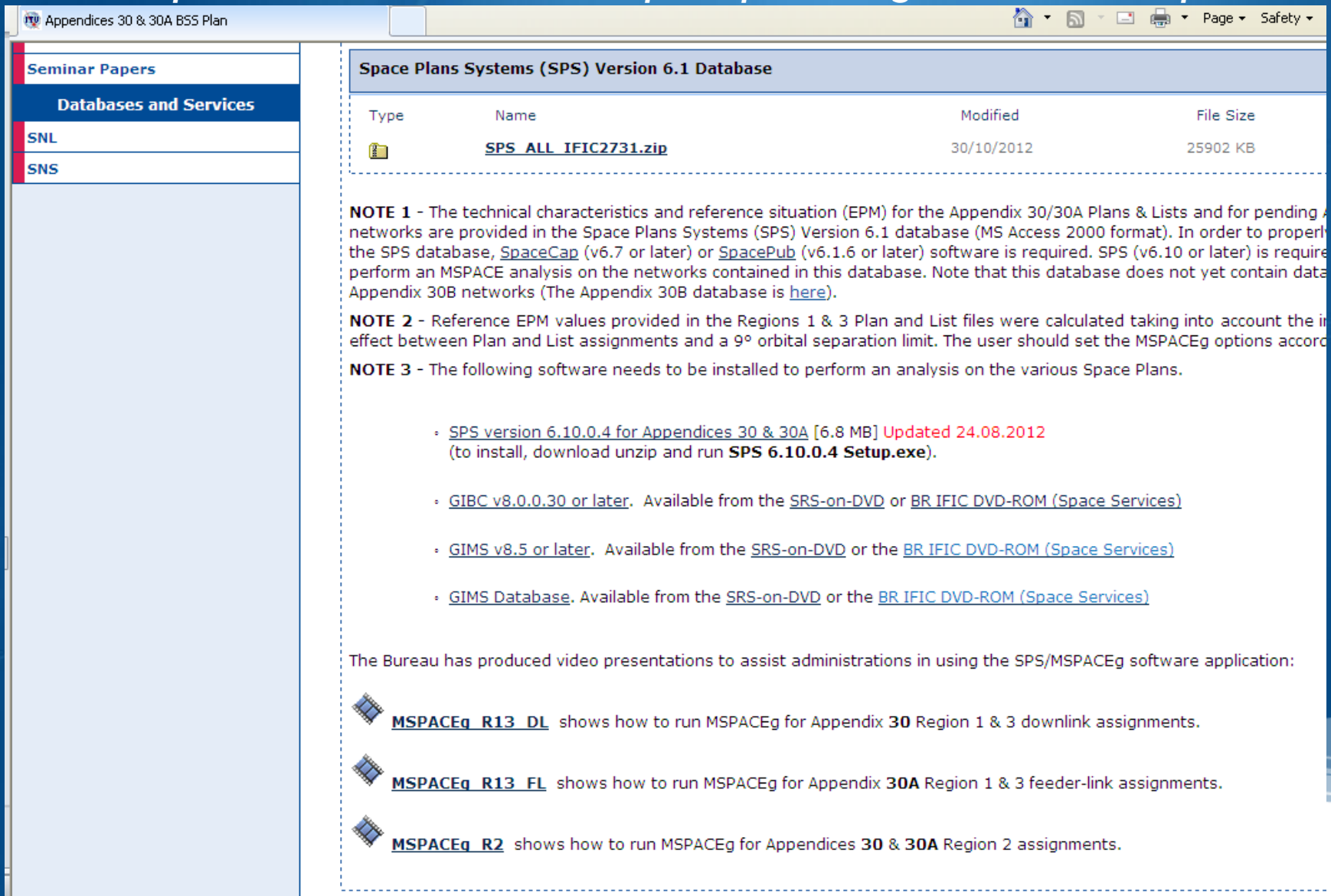
Type	Name	Modified	File Size
	SPS ALL IFIC2731.zip	30/10/2012	25902 KB

NOTE 1 - The technical characteristics and reference situation (EPM) for the Appendix 30/30A Plans & Lists and for networks are provided in the Space Plans Systems (SPS) Version 6.1 database (MS Access 2000 format). In order to use the SPS database, [SpaceCap](#) (v6.7 or later) or [SpacePub](#) (v6.1.6 or later) software is required. SPS (v6.10 or later) can perform an MSPACE analysis on the networks contained in this database. Note that this database does not yet contain Appendix 30B networks (The Appendix 30B database is [here](#)).

NOTE 2 - Reference EPM values provided in the Regions 1 & 3 Plan and List files were calculated taking into account the effect between Plan and List assignments and a 9° orbital separation limit. The user should set the MSPACEg optic

AP30/30A webpage

<http://www.itu.int/en/ITU-R/space/plans/Pages/AP30-30A.aspx>



Appendices 30 & 30A B55 Plan


Seminar Papers

Databases and Services

SNL

SNS

Space Plans Systems (SPS) Version 6.1 Database

Type	Name	Modified	File Size
	SPS_ALL_IFIC2731.zip	30/10/2012	25902 KB




NOTE 1 - The technical characteristics and reference situation (EPM) for the Appendix 30/30A Plans & Lists and for pending A networks are provided in the Space Plans Systems (SPS) Version 6.1 database (MS Access 2000 format). In order to properly use the SPS database, [SpaceCap](#) (v6.7 or later) or [SpacePub](#) (v6.1.6 or later) software is required. SPS (v6.10 or later) is required to perform an MSPACE analysis on the networks contained in this database. Note that this database does not yet contain data for Appendix 30B networks (The Appendix 30B database is [here](#)).

NOTE 2 - Reference EPM values provided in the Regions 1 & 3 Plan and List files were calculated taking into account the interference effect between Plan and List assignments and a 9° orbital separation limit. The user should set the MSPACEg options accordingly.

NOTE 3 - The following software needs to be installed to perform an analysis on the various Space Plans.

- [SPS version 6.10.0.4 for Appendices 30 & 30A](#) [6.8 MB] Updated 24.08.2012 (to install, download unzip and run **SPS 6.10.0.4 Setup.exe**).
- [GIBC v8.0.0.30 or later](#). Available from the [SRS-on-DVD](#) or [BR IFIC DVD-ROM \(Space Services\)](#)
- [GIMS v8.5 or later](#). Available from the [SRS-on-DVD](#) or the [BR IFIC DVD-ROM \(Space Services\)](#)
- [GIMS Database](#). Available from the [SRS-on-DVD](#) or the [BR IFIC DVD-ROM \(Space Services\)](#)

The Bureau has produced video presentations to assist administrations in using the SPS/MSPACEg software application:

-  [MSPACEg R13 DL](#) shows how to run MSPACEg for Appendix 30 Region 1 & 3 downlink assignments.
-  [MSPACEg R13 FL](#) shows how to run MSPACEg for Appendix 30A Region 1 & 3 feeder-link assignments.
-  [MSPACEg R2](#) shows how to run MSPACEg for Appendices 30 & 30A Region 2 assignments.

A30B webpage

<http://www.itu.int/en/ITU-R/space/plans/Pages/AP30B.aspx>

Appendix 30B FSS Plan

International Telecommunication Union

Home > [ITU-R](#) > [Space Services](#) > Space Plans

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Space Plans

- What's New
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- Appendices 30 & 30A BSS Plan
- AP30B Plan**
- Master Register
- Resolution 49
- Resolution 547
- Seminar Papers

Databases and Services

- SNL
- SNS

Appendix 30B FSS Plan

The World Radiocommunication Conference 2007 (Geneva, WRC-07) adopted revised provisions and updated technical provisions for Appendix **30B** of the Radio Regulations.

In accordance with *resolves 1* of Resolution **149**, the revised Appendix **30B** entered into force as of 17 November 2007. Pursuant to *resolves 2* of the above-mentioned Resolution, the Bureau has computed the complete reference situation for Appendix **30B** Plan and the associated List of assignments (i.e. for all test-points) as of 17 November 2007, based on the Conference. The reference situation will be used for subsequent application of the provisions of Articles 6 and 7 of the Regulations and Appendix **30B**.

[Circular Letter CR/280](#) provides details on the implementation of the revised Appendix **30B** and Resolution **149**.

The details of the information published by the Bureau for satellite networks subject to Appendix **30B** are contained in the Version 6.1 database below.

Database			
Type	Name	Modified	File Size
	30B_2731.zip	30/10/2012	10760 KB

NOTE 1 – [Circular Letter CR/306](#) provides details on the production version of the software package required for the examinations under Annexes 3 and 4 to Appendix **30B** as instructed in Resolution **149**.

A30B webpage

<http://www.itu.int/en/ITU-R/space/plans/Pages/AP30B.aspx>

Type	Name	Modified	File Size
	30B_2731.zip	30/10/2012	10760 KB

NOTE 1 – [Circular Letter CR/306](#) provides details on the production version of the software package required for the new examinations under Annexes 3 and 4 to Appendix **30B** as instructed in Resolution **149**.

NOTE 2 – The following software needs to be installed in order to perform an analysis on the latest version of the Appendix 30B Plan:

- [GIBC v8.0.0.18 or later](#). Available from BR IFIC 2680;
- [GIMS v7.4 or later](#). Available from BR IFIC 2649; and
- [GIMS Database](#). Available from the [SRS-on-DVD](#) (incremental updates are on the BR IFIC).



The Bureau has produced video presentations to assist administrations in using the new GIBC software package:


- **gibc_ap30b_ci** ([MPEG-4](#) or [avi format](#)) shows how to perform C/I degradation analysis with respect to Appendix 30B Annex 4 protection criteria using GIBC-Appendix 30B.

- **gibc_ap30b_pfd_sa** ([MPEG-4](#) or [avi format](#)) shows how to perform PFD and Service Area coverage analysis using GIBC Appendix 30B application.

- **AP30BTexCap_A6B** ([MPEG-4](#) or [avi format](#)) shows how to update reference situations (AP30B#A6B and AP30B#A7).

- **AP30BTexCap_A6A** ([MPEG-4](#) or [avi format](#)) shows how to establish the reference situation of the examined network and store examination results, affected administrations and networks in the SNS-format AP30B database.

- **AP30BTexCap_A6A_ViewResults** ([MPEG-4](#) or [avi format](#)) shows how to view and print the Annex 4 C/I examination results

NOTE 3 – Download the complete reference situation of the Appendix **30B** Plan at the time of 'WRC-07'  [2.35MB](#) (see [Circular Letter CR/278](#)). The updated reference situation is included in the latest Appendix **30B** database.

Space Plan Assignments Recorded in the Master Register

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

The screenshot shows the ITU Master Register website. The top navigation bar includes the ITU logo, the text 'International Telecommunication Union', and a search bar with 'Google Custom Search'. The main navigation menu contains 'Home > ITU-R > Space Services > Space Plans'. A secondary menu includes 'Areas of Work', 'Newsroom', 'Events', 'Publications', 'Statistics', and 'About ITU'. A left sidebar lists 'Libraries' and 'Space Plans' with sub-items like 'What's New', 'Frequently Asked Questions', 'Appendices 30 & 30A BSS Plan', 'AP30B Plan', 'Master Register', 'Resolution 49', 'Resolution 547', and 'Seminar Papers'. Below this is 'Databases and Services' with 'SNL' and 'SNS'.

Space Plan Assignments Recorded in the Master Register

When an administration intends to bring into use its assignment(s) in the appropriate Regional Plan or Regions 1 & 3 List, it must submit this to the Bureau. The procedure of Article 5 of Appendices 30 and 30A is then applied. The Bureau examines the submission to assure that the information received is complete, that the data elements are in conformity with Appendix 4, and that the notified characteristics comply with those of the entries in the Plans or Lists.

For a Plan or List assignment to be entered in the Master Register, the notified technical characteristics have to be the same as those in the Plans or Lists except those allowed in provision 5.2.1 d) of Appendices 30 and 30A and its associated Rules of Procedure. Those characteristics shall not increase the interference potential to, nor claim more protection from, other assignments in the Plans or Lists or of other services.

Where the Bureau reaches a favourable finding, the frequency assignment is recorded in the Master Register.

[Click here for a list of geostationary-satellite networks in the broadcasting-satellite Service \(BSS\) and its associated feeder links notified and published in application of the provisions of Article 5 of Appendices 30 and 30A of the Radio Regulations.](#)

[Click here for a list indicating the bringing into use of Space Plan assignments recorded in the Master register.](#)

The Bureau maintains a database (SNS/SPS format) of notified frequency assignments that have been recorded in the Master Register under Article 5 of Appendices 30 and 30A. It is available for download below.

Space Plans Systems (SPS) Database





Type	Name	Modified	File Size
	SPS_ALL_IFIC2731.zip	30/10/2012	25902 KB

Space Network List On line (SNL On line)

<http://www.itu.int/ITU-R/space/snl/index.html>

Space network List (SNL)

YOU ARE HERE > HOME > ITU-R > SPACE SERVICES > SNL

SHARE    

Space Services Department

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Space Support

BR IFIC

Preface

Cost Recovery

Space Plans


Databases and Services

SNL

The Space Network List (SNL) is a list of basic information concerning planned or existing space stations, earth stations and radio astronomy stations. It includes sections on Advanced Publication Information, coordination requests, notifications, Plans information and their related processing backlog.

More information can be found in the [Circular Letter 232](#). Also, The Bureau would appreciate receiving your comments.

SNL Part A gives information on the use of the frequency spectrum, the occupancy of the geostationary orbit and non-geostationary orbit. SNL Part B gives information on all reference publications (special sections and PARTs) related to the space services. SNL Part C gives information on pending networks - received but not yet published by the Bureau. To obtain more detail information on a network, please consult [SNS-online](#).

 The collection of the BR WIC and BR IFIC Space Services is purchasable on DVD ROM


FREQUENCY USE - ORBIT OCCUPANCY (PART-A)

- List of space networks by frequency bands and orbital position

REPORTS

- Quarterly publication (download)
- ITU BR Annual Space Report on the use of the GSO and other orbits

REFERENCE PUBLICATIONS (PART-B)

- Query by general publication references
- Query by Special Section name
- Query by group of Special Sections
- Definition of the Special Sections : 

SATELLITE NETWORK INFORMATION

- Bringing into use
- Suspension
- Change of names
- Change of notifying administration

INFORMATION "AS RECEIVED" (PART-C)

- Coordination Requests
- Notifications of Space Stations

BSS - RR 23.13 AND RES 553

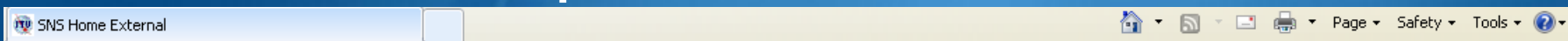
- BSS service area exclusion under RR 23.13 - Networks published in AP30/E Part A
- BSS service area exclusion under RR 23.13 - Networks published

Do not confuse with Part A, B, C of Special Sections of AP30/30A !

Information of RR 23.13 requests

Space Network Systems Online (SNS On line)

<http://www.itu.int/sns/>



Radiocommunication

Space Network Systems Online

New SNS Online as from January 2013

Welcome to Space Network Systems Online!

TIES account required

SNS Online gives access to the **Space Networks Systems Database** of the Radiocommunication Bureau of the ITU. The database contains **AP** data of more than 10600 geostationary satellite filings, 1070 non-geostationary satellite filings and 7900 earth station filings.

SNS Online is a yearly [subscription service](#). It is available as a free service for [TIES](#) registered users.

Note: SNS Online will only be available 48 hours after registering for TIES.

Try the [demo pages](#) and if you are not a TIES registered user [subscribe](#) to the service.

As a subscriber to the service you have access to the following features:

[SNS Database](#)

[Description \(Pdf document: see Section III\)](#) View the description of the database.

[SNS Database Changes](#) View the description of the database changes.

[Query Systems](#)

[General Query System \(non-planned bands\)](#) Navigate the database using predefined queries to retrieve a list of satellites or earth stations. Select a specific satellite or earth station and view all the beams/antennas, frequencies, frequencies, coordination information for the selection.

[Space Plans Query System](#) allows you to navigate the database using predefined queries to retrieve a list of satellites in the planned services and then "navigate" through a specific satellite or earth station.

[Suppressed Notices Query System](#)

Display notices in the SNS Online database.

[Advance Publication Query System](#) Retrieve advance publication data from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.

[Resolution 49 Publication Query System](#) Retrieve Resolution 49 publication data from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.

[Special Query System](#) Use complex queries to find slots for geostationary satellites, or find the satellites working in a specific frequency band.

[Query Search and Query Builder](#) Find predefined queries.

[Graphics System](#) Have access to the database using Graphical Interference Management System - GIMS). View available earth station coordination information using the [General Query System](#) and selecting "Earth Station" from the radio buttons.

[Submission Systems](#)

[Due Diligence Filing](#) Identify networks for submission of Resolution 49 information to the Bureau. Specify date of bringing into use window, select satellite type and category etc. Select from the list of satellites for which you may submit due diligence information.


[Coordination Request Filing](#) Identify networks for submission of Coordination Request information to the Bureau based on already submitted advance publication filing. Select from the list of satellites for which you may submit coordination request information.

Getting general information on AP30/30A/30B

Getting specific information on AP30/30A/30B

Creating a RES49 filing on AP30/30A/30B networks

Space Network Systems Online (SNS) (Cont.)

 **Radiocommunication**

Space Network Systems Online

Space Plans Query System

?

NETWORKS INFORMATION

Enter data	or enter notice identifier
Satellite Name : <input type="text"/>	Notice identifier : <input type="text"/>
Notifying Administration : <input type="text"/> ▼	
Network Organization : <input type="text"/> ▼	
Longitude (from) : <input type="text"/> -180 (to) : <input type="text"/> 180	

Select plan and/or click 'Submit' or 'Cancel' to restart

BSS Plans & Lists (AP30/30A)

<input checked="" type="radio"/> Region 1&3 Downlink (AP30)	<input type="radio"/> Region 1&3 Feeder-link (AP30A)	<input type="radio"/> Region 2 (AP30/30A)	<input type="radio"/> All
<input checked="" type="radio"/> Article 4 (Seeking agreement)	<input type="radio"/> Article 5 (Notification)	<input type="radio"/> Due Diligence (Res.49)	<input type="radio"/> PLAN/List <input type="radio"/> All

Guardbands (Space Operation Functions)

<input type="radio"/> Article 2A (Coordination)	<input type="radio"/> Article 11 (Notification)	<input type="radio"/> All
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or

FSS Plan (AP30B)

<input type="radio"/> Article 6 (Seeking agreement)	<input type="radio"/> Article 8 (Notification)	<input type="radio"/> Due Diligence (Res.49)	<input type="radio"/> PLAN/List <input type="radio"/> All
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Any questions?

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