



Space
Explorer

Networks Explorer

Special Explorer

Temporary Explorer

My Space Explorer

Query Builder

ITU SpaceExplorer

V.1.0.0

Start the improved user experience with an example:

“Exploring geostationary non-Plan Satellite Networks
of an Administration : S (Sweden)”



Show Hints

Help available by clicking on
“Show Hints” when available
on pages



NEW

ITU Space Explorer

Step by step introduction to
explore

Satellite network/system GSO, Non-GSO
and Plans AP30/30A and 30B, Earth
Stations and Radio Astronomy Station


On the main page
you can already:

1. Choose a **tab** to
query:

the active data in
the “**SNS database**”
OR the history of
publications in the
“**BR Space
Publications**”





2. Choose to filter
some criteria or a
network – optional

3. Before clicking on
the Search intended
to explore

 **ITU**
Space
Explorer

**Networks
Explorer** | **Special
Explorer** | **Temporary
Explorer** | **My Space
Explorer** | **Query
Builder**

FEEDBACK

Home > Networks Explorer

Up to latest BR IFIC No 3036 / 10.12.2024

Welcome to ITU SpaceExplorer
ITU SpaceExplorer provides access to the Space Networks Systems Database (SNS) of the Radiocommunication Bureau, containing Appendix 4 Radio Regulations data of geostationary satellite filings, non-geostationary satellite filings, Earth station filings, and Radio Astronomy filings.

Knowledge Level of Radio Regulations
The website is designed for users with an intermediate to advanced level of technical knowledge of the Radio Regulations. To take full advantage of the resources and tools available here, it is recommended that you become familiar with the processing of ITU Planned and non-planned frequency band notices, and with the types of publications in BR IFICs (space) Circulars.
If you're just starting out, visit our **World Radiocommunication Seminar website** ([WRS-2024](#) and [WRS-22](#)) to explore the Radio Regulations volumes and mechanisms. Beginners can learn the basics and gain the confidence needed to navigate through this website.

Data Availability
Data on Space Networks Systems (SNS) are updated with each BR IFICs (space) [Circulars](#) and general information is available without access restrictions. A TIES User login is required to access technical data of the notices in their dashboards format. The TIES User account can be obtained by subscription to the application ([link](#)) or through your national Administration ([link](#)).

How to login? You will find login options in the upper right corner for your TIES User account: [username] and [password], OR [email] and [password]

Disclaimer Due to the large number of filter combinations, results may sometimes be inaccurate. If you notice any discrepancies, please report them to the project team.

Contact ITUSpaceExplorer@itu.int

Explore by
Data available up to latest BR IFIC No 3036 / 10.12.2024.


Space Network System (SNS)


BR Space Publications


Notifying Administration


Network Organization

Satellite Network Name

 Search
All Space Stations

 Search
Earth Stations

 Search
Radio Astronomy

 Search Space Stations
In Latest BR IFIC

Proceed directly with active SNS Notice ID

SNS Notice ID

GO

Privacy
Notice

Support

Introduction

Help

Up to latest BR IFIC No 3036 / 10.12.2024
Reserved

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Reserved

For this example

1. Choose the tab to query:

the active data in the [SNS database](#)

2. Filter **S (Sweden)**

3. Before clicking on the Search
All Space Stations

Explore by

Space Network System (!)

Notifying Administration


S (Sweden)



Search
All Space Stations

On the “List View”
page you can:

Sort columns and features
on the list are available

 **ITU**
Space Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerQuery Builder

FEEDBACK

Home > Networks Explorer > Space Stations

Up to latest BR IFIC No 3036 / 10.12.2024

Identity

Type of Satellite Network

Frequency Characteristics

Regulatory Process

Regulatory Dates

Hide Filters

Results: 107

Save/ShareExportShow HintsReset Filters

Open Dashboard for Detail	SNS Notice ID	Notifying Adm. / Network Org.	Satellite Network Name	GSO Location East (+) or West (-) (Degrees)	Notice Type	Notification Reason	Provision	Plan/ Non-Plan	Notice Date of Receipt	Number of Freq. Bands
	120545145	S	BIUSAT		N	A	9.1/IA	Non-Plan	22.06.2020	2
	120545269	S	MIST		N	A	9.1/IA	Non-Plan	16.11.2020	2
	121520021	S	SIRIUS-5E-11	5.00	G	C	9.6			
	121500008	S	BIUSAT		N	N	11.2			
	121559024	S	OHO-30B-146E	146.00	G	P	A30B#6.1A			
	121559025	S	OHO-30B-150E	150.00	G	P	A30B#6.1A			
	121590062	S	SMMSAT-7R	159.00	G	U	RS49			
	122500123	S	SMMSAT-7R	159.00	G	N	11.2			
	122590067	S	SMMSAT-2R	-33.50	G	U	RS49			
	90500541	S / NOT	TELE-X	5.00	G	N	RR1488	AP30-30A_SOF	26.01.2023	6

Results: 107

Rows per page: 10Results: 91-100 of 107Page: 10 / 11

Frequency Limits

Emission (Tx)Reception (Rx)

11'706.33 MHz12'743 MHz

14'098 MHz17'307.72 MHz

Note: Please use the link "Open Dashboard for Detail" for further details


Expand each group
of filters to select
the intended list of
networks with
criteria

And, if you wish,
modify criteria
previously input in
the Home page

Modify the list displayed per pages to adapt to
the space available on your screen

Hover the Number of
frequency bands to
see a quick view

On the “List View” page
for the example:

 ITU
Space
Explorer

Networks Explorer





Special Explorer

Temporary Explorer

My Space Explorer

Query Builder

FEEDBACK



Home > Networks Explorer > Space Stations

Up to latest BR IFIC No 3036 / 10.12.2024

Identity

Explore Space Networks or Systems by

Space Network System (SNS)

BR Space Publications

Satellite Network

Notifying Administration

S

Network Organization

Satellite Network Name

SMMSAT-7R

Note: use % for partial-match search, e.g. MY-SAT-%

All

Non-Plan Only

Plan Only

Type of Satellite Network

☒ Geostationary

3


☐ Non-Geostationary


0


[More filters](#)


Hide Filters







Results: 3

 Save/Share

 Export

 Show Hints

 Reset Filters

Open Dashboard for Detail	SNS Notice ID	Notifying Adm. / Network Org.	Satellite Network Name	GSO Location East (+) or West (-) (Degrees)	Notice Type	Notification Reason	Provision	Plan/ Non-Plan	Notice Date of Receipt	Number of Freq. Bands
	121590062	S	SMMSAT-7R	159.00	G	U	RS49	Non-Plan	14.09.2021	 2
	122500123	S	SMMSAT-7R	159.00	G	N	11.2	Non-Plan	27.07.2022	 2
	116520450	S	SMMSAT-7R	159.00	G	C	9.6	Non-Plan	19.05.2023	 2

Results: 3

Rows per page: 10

Results: 1-3 of 3


Page: 1 / 1

1. Filter “Non-Plan Only”

2. Filter Geostationary

NEW concept!

Click “Open DashBoard” to view the detail of one network/system



NEW in ITU SpaceExplorer:



The Dash Board of one network/ system




Each card gives access to more detailed information when you click on it

Click on each of the 3 top cards for more detailed information ...

Select a notice to display its data in the cards on the right-hand side ...

Login as TIES user and click on the cards for more detailed information ...

FEEDBACK

 Login

For TIES users, login with your TIES username, or using ITU_TIES\username

Home > Networks Explorer > Space Stations > Dashboard > Non-Plans > SMMSAT-7R

Up to latest BR IFIC No 3036 / 10.12.2024

Export

Identity

Satellite Network SMMSAT-7R
Name:
Satellite Network —
Previous Name:
Administration: S (Sweden)
Network —
Organization:
Space Plan/Non-Plan Bands: Non-Plan
Type of Satellite Network: Geostationary (159° East)

-180

0

180

Regulatory Status Tracking

Status: Active
In Master Register (MIFR): Yes
Period of validity (years): 50
Brought into Use: No
Suspension of Use: Partially
Date of Receipt of First Submission: 19.05.2016
Earliest Regulatory Date Limit to Bring into Use: 19.05.2023
BR IFIC Date of Latest Publication: 12.12.2023

Note: Data displayed is the latest available of the Related Notices list.

Publications in BR IFIC Space

2
API

6
COORDINATION

4
NOTIFICATION

1
OTHER

Earliest Publication Date: 07.06.2016
Latest Publication Date: 12.12.2023

Related Notices Information

Notice ID	Provision	Notice Date of Receipt
Coordination		
116520450	9.6	19.05.2023
Notification		
122500123	11.2	27.07.2022
Other Special Section		
121590062	RS49	14.09.2021

Network Structure Navigation

Lower

Frequency Limits

Upper

Emission (Tx)
17'700 MHz
20'200 MHz

Reception (Rx)
27'500 MHz
30'000 MHz

Inter-Satellite Link (ISL)
MHz

Overview of Emissions Characteristics

5
SERVICES

Coordination Requirements & Examination Results

59
IDENTIFIED ADMINISTRATIONS

0
UNFAVORABLE FINDINGS

Due Diligence Information

Resolution 49

Associated Stations

60
EARTH STATIONS

0
SPACE STATIONS

Period of Validity Including Resolution 4

No Data Available

MAX. PERIOD OF VALIDITY (years)

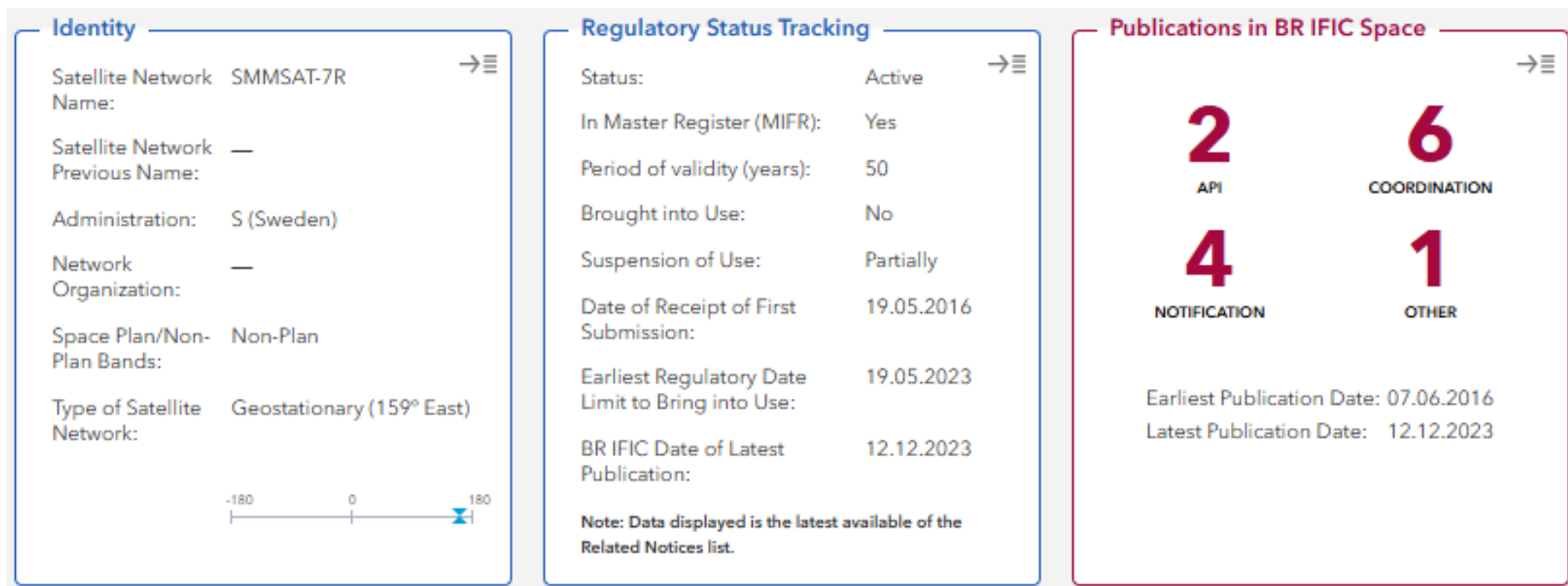
Public cards

TIES account cards



NEW in ITU SpaceExplorer

Public 3 cards – click for more information





NEW in ITU SpaceExplorer

Public 3 cards – click for more information



Identity

Regulatory Status Tracking

Publications in BR IFIC Space

Satellite Name > Identity SMMSAT-7R, S Geostationary (159° East)	
Satellite Network Name:	SMMSAT-7R
Satellite Network Previous Name:	—
Administration:	S (Sweden)
Network Organization:	—
Responsible Administration:	<ul style="list-style-type: none">SWEDISH POST AND TELECOM AGENCY (PTS) P.O. BOX 5398 S-102 49 STOCKHOLM TELEFAX +46 8 6785505 TELEX 054 40777 RADCON S
Operating Agency:	<ul style="list-style-type: none">V3GS COMMUNICATIONS SWED
Space Plan/Non-Plan Bands:	Non-Plan
Type of Satellite Network:	Geostationary (159° East)
East Longitudinal Tolerance Limit (Degrees):	0.1
West Longitudinal Tolerance Limit (Degrees):	0.1
Inclination Excursion (Degrees):	14.9

Satellite Name > Regulatory Status Tracking SMMSAT-7R, S Geostationary (159° East)	
Status:	Active
In Master Register (MIFR):	Yes
Period of validity (years):	50
Brought into Use:	
Suspension of Use:	
Date of Bringing into Use:	18.05.2021
Suspension:	19.08.2021
Resumption Process:	No
Date of Receipt of First Submission:	19.05.2016
Date Limit to Bring into Use:	19.05.2023
BR IFIC Date of Latest Publication:	12.12.2023

Note: Data displayed is the latest available of the Related Notices list.

Satellite Name > Publications in BR IFIC Space SMMSAT-7R, S Geostationary (159° East)										
SNS Notice ID	Satellite Network Name	Notice Date of Receipt	BR IFIC Publication	BR IFIC Publication Revision	Removal From SNS Database	Suppression Status	Link to BR IFIC Database	BR IFIC/WIC Number	BR IFIC/WIC Date	
11/1520450	SMMSAT-7R	19.05.2023	C/C/4311	MOD 3		Partial		3011	12.12.2023	
	T II-S							2988	24.01.2023	
	T I-S							2985	29.11.2022	
	T III-S					-		2964	08.02.2022	
	T I-S					-		2958	02.11.2021	
49/2398						-		2957	19.10.2021	
A/11738	MOD 1					-		2953	24.08.2021	
C/4311	MOD 2					-		2953	24.08.2021	
D/3411						-		2862	23.01.2018	
E/1458						-		2861	09.01.2018	
C/4311	MOD 1					-		2850	25.07.2017	
C/4311						-		2847	13.06.2017	
A/11738						-		2821	07.06.2016	

Card on Network Structure Navigation

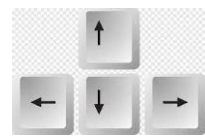


- detailed information

Filter here or on headers
to select useful
information to your
exploration

2 options for navigating through the rows
of the table and changing levels in the
structure: **Beams > Group > Assignment**

- (1) Click here OR
- (2) Use the key board arrows



Click to view and navigate all **GIMS** images

Click to view the list of **countries** in the
Service Area

Click to **antenna pattern** when available

Satellite Name > Notice > Network Structure Navigation > Beams
SMMSAT-7B, S 122500123
Geostationary (150° East) Notification

BACK

Search by Beam Name

Results: 14/14

Reset Filters

Hide Images

Export

To Group	Beam Name	E/R	Freq. Min (MHz)	Freq. Max (MHz)	Freq. Gaps	Steerable Beam	Polarizations	Power Density Max (dBW/Hz)	Gain Max	Pointing Accuracy	Earth Station Min. Antenna Diameter (m)	GIMS Image	Countries in Service Area	Antenna Pattern (PDF) and Type
	1KADR		17 700	20 200	No	Y	CL,CR,M	-57.8	46	0.1				
	D01Y		17 700	20 200	No	Y	CL,CR,M	-56.9	45	0.1				
	D04N		17 700	20 200	No	Y	CL,CR,M	-45.9	23	0.3				
	D06N		17 700	20 200	No	Y	CL,CR,M	-63.9	41	0.3				
	D08N		17 700	20 200	No	Y	CL,CR,M	-50.9	3	0.3				
	D15N		17 700	20 200	No	Y	CL,CR,M	-22.5	23	0.3				
	D17L		17 700	20 200	No	Y	CL,CR,M	-49.1	45	0.1				
	D18N		17 700	20 200	No	Y	CL,CR,M	-52.8	41	0.3				
	KAR		17 700	20 200	No	Y	CL,CR,M	-49.1	45	0.1				
	KSE		27 500	30 000	No	Y	CL,CR,M	-44	45	0.1				
	U01N		27 500	30 000	No	Y	CL,CR,M	-21.1	3	0.3				

Card on Overview of Emissions Characteristics



- detailed information

3 tabs to display the same
information as in SNS online

Filter here or on headers to
select useful information

Satellite Name > Notice > Overview of Emissions Characteristics
SMMSAT-7R, S 122500123
Geostationary (159° East) Notification

Emissions				Receive Beams					Transmit Beams				
Filter by Beam Name				Results (Beams): 5/5					Reset Filters Export				
Frequencies				Receive Beams									
Freq. (MHz)	Bandwidth (kHz)	Freq. Band (MHz)	Class of Station	KAR	U01N	U03N	U07U	U09Y					
27'530	60'000	27'500 - 27'560	EC					x					
27'550	100'000	27'500 - 27'600	EC				x						
27'570	60'000	27'540 - 27'600	EC					x					
27'590	60'000	27'560 - 27'620	EC					x					
27'630	60'000	27'600 - 27'660	EC					x					
27'650	100'000	27'600 - 27'700	EC				x						
27'650	60'000	27'620 - 27'680	EC					x					
27'690	60'000	27'660 - 27'720	EC					x					
27'710	60'000	27'680 - 27'740	EC					x					
27'750	100'000	27'700 - 27'800	EC				x						
27'750	60'000	27'720 - 27'780	EC					x					









Card on Coordination Requirements & Examination Results

6 tabs to display and filter requirements

Satellite Name > Notice > Coordination Requirements & Examination Results

SMMSAT-7R, S
Geostationary (159° East)

116520450
Coordination

Introduction	Commitments	Coordination Information	Affected Networks	Frequencies and Proposed Findings	Frequency Use Under RR Article 4.4
Freq. Min (MHz)	  	Service	Finding	Results (Rows): 104/104	
Freq. Max (MHz)					
Frequency (MHz)	E/R	Bandwidth (KHz)	Class of Station	Finding	Remark
17'750		100'000	EC	A-	
17'850		100'000	EC	A-	
17'900		400'000	EK,ER	A-	
17'950 -18'150 (3 frequencies)		100'000	EC	A-	
17'950		300'000	EC	A-	



Card on Associated Stations

2 tabs to display and filter
As in SNS online

Link to the PDF with details of the Antenna Pattern

Satellite Name > Notice > Associated Stations
SMMSAT-7R, S 116520450
Geostationary (159° East) Coordination

Associated Earth Stations

Associated Space Stations

Search by Station Name

Search by Group id





Results: 822/822

Reset Filters

Show Hints

Export

>< Best fit data

Station Name	Country	Station Type	Longitude (Degrees)	Latitude (Degrees)	Beam Name	Freq. Min (MHz)	Freq. Max (MHz)	Group ID	Antenna Pattern (PDF) and Type	Noise Temperature (Kelvin)	Max. Isotropic Gain (dB)	Beam width (Degrees)	Previous Station Name	Class of Station
0.33M		T			U09V	29°100	29°500	116817591	 A-25*LOG(FI)		37	2.41		TC
0.33M		T			U09V	29°500	29°980	116817597	 A-25*LOG(FI)		37	2.41		TC
0.33M		T			U09V	28°560	29°100	116817603	 A-25*LOG(FI)		37	2.41		TC
0.33M		T			U09V	27°500	28°580	116817609	 A-25*LOG(FI)		37	2.41		TC
0.33M		T			U09V	29°900	30°000	116817615	 A-25*LOG(FI)		37	2.41		TC



Card on Due Diligence Information

2 tabs to display
Information and
frequencies

Satellite Name > Notice > Due Diligence Information

SMMSAT-7R, S 121590062 Res. 49
Geostationary (159° East) Link: 116520450

Export

Due Diligence Information Frequency Bands Associated

Commercial Satellite Name: **HYLAS-1**

SPACECRAFT MANUFACTURER		LAUNCH SERVICES PROVIDER	
Manufacturer Name:	EADS ASTRIUM	Name of the Launch Vehicle Provider:	ARIANESPACE
Date of Execution of the Contract:	01.03.2006	Date of Execution of the Contract:	25.06.2009
Contractual Delivery Window:	from 01.09.2008 to 01.10.2010	Launch or In-Orbit Delivery Window:	from 01.03.2010 to 30.11.2010
Number of Satellites Procured:	1	Name of the Launch Vehicle:	ARIANE 5
		Launch Facility:	KOUROU
		Country:	GUF
		Geographical Coordinates:	52° W 43' 47"; 5° N 12' 0"



Card on Resolution 4 Information

Satellite Name > Notice > Resolution 4

SMMSAT-7R, S

122500123

Geostationary (159° East)

Notification

Beam Name

Results: 680/680

Reset Filters

Export

Best fit data


Beam Name	E/R	Group ID	Freq. Min. (MHz)	Freq. Max. (MHz)	A2a. Date of Bringing into Use	A2b. Period of Validity (Years)
1KADR		122711045	17700	18200	18.05.2021	50
1KADR		122711046	17700	18200	18.05.2021	50
1KADR		122711047	17700	18200	18.05.2021	50
1KADR		122711048	17700	18200	18.05.2021	50
1KADR		122711049	18200	18700	18.05.2021	50
1KADR		122711052	18200	18700	18.05.2021	50
1KADR		122711055	18200	18700	18.05.2021	50
1KADR		122711058	18200	18700	18.05.2021	50
1KADR		122711059	18700	19700	18.05.2021	50
1KADR		122711056	18700	19700	18.05.2021	50
1KADR		122711053	18700	19700	18.05.2021	50

View Lists of Earth Stations

Expand each groups of filters to select the intended list of stations with criteria





And, if you wish, modify criteria previously input in the Home page

Sort columns and features on the list

 ITU Space Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerQuery Builder

FEEDBACK



Home > Networks Explorer > Earth Stations

Up to latest BR IFIC No 3036 / 10.12.2024

Identity

Frequency Characteristics





















Regulatory Process

Regulatory Dates

Hide Filters

Results: 8'122

Save/ShareExportShow HintsReset Filters

Open Dashboard for Detail	SNS Notice ID	Notifying Adm / Network Org	Earth Station Name	Country	Geographical Longitude (Degrees)	Geographical Latitude (Degrees)	Satellite Network Name Associated	Satellite Network Notifying Adm / Network Org	GSO Location East (+) or West (-) (Degrees)	Plan/ Non-Plan	Notice Type	Notification Reason	BR IFIC Part	Notice Date of Receipt	Number of Freq. Bands
	90504708	USA	KAENA POINT	HWA	-158.2830	21.5670	NAVSTAR GPS	USA		Non-Plan	S	N		23.06.1981	 1
	90504814	USA	BELLEVILLE IL	USA	-89.8500	38.5500	SAR	USA		Non-Plan	S	N		08.07.1981	 1
	90504815	USA	GREENBELT MD	USA	-76.8500	39.0000	SAR	USA		Non-Plan	S	N		08.07.1981	 1
	90504816	USA	KODIAK	ALS	-152.4830	57.6830	SAR	USA		Non-Plan	S	N		08.07.1981	 1
	90504817	USA	PNT REYES CA	USA	-122.9330	38.1000	SAR	USA		Non-Plan	S	N		08.07.1981	 1
	90504818	USA	T				SAR	USA		Non-Plan	T	N		08.07.1981	 3
	90501648	INS	BANDA ACEH	INS	95.5170	5.5500	PALAPA-B1	INS	108.00	Non-Plan	S	N		02.09.1981	 2
	90501658	INS	GUNUNG BELAH	INS	117.5170	3.3500	PALAPA-B1	INS	108.00	Non-Plan	S	N		02.09.1981	 2
	90501659	INS	JAKARTA	INS	106.9330	-6.4500	PALAPA-B1	INS	108.00	Non-Plan	S	N		02.09.1981	 2
	90501651	INS	BHAYANG KARA	INS	140.7170	-2.5330	PALAPA-B1	INS	108.00	Non-Plan	S	N		02.09.1981	 2


Results: 8'122

Rows per page: 10Results: 1-10 of 8'122Page: 1 / 813

Available: Dashboard to view the detailed information of a selected station





View Lists of

Radio Astronomy Stations

 **ITU**
Space Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerQuery Builder

FEEDBACK



Home > Networks Explorer > Radio Astronomy

Up to latest BR IFIC No 3036 / 10.12.2024

Identity

Explore Radio Astronomy Stations by

Space Network System (SNS)BR Space Publications

Radio Astronomy Station

Notifying Administration

Radio Astronomy Station Name

Country

Latitude (Decimal Degrees)

FromTo

Longitude (Decimal Degrees)

FromTo

APPLY





















Frequency Characteristics

Regulatory Process

Regulatory Dates

Results: 353

Save/ShareExportShow HintsReset Filters

Open Dashboard for Detail	SNS Notice ID	Notifying Adm	Radio Astronomy Station Name	Country	Geographical Longitude (Degrees)	Geographical Latitude (Degrees)	Notice Date of Receipt	Number of Freq. Bands
	90505044	NOR	HARESTUA OBS	NOR	10.7500	60.2170	01.02.1954	 3
	90505076	USA	HAMILTON MASS	USA	-70.8170	42.6330	01.01.1958	 5
	90505080	USA	MARYLANDPNT MD	USA	-77.2330	38.3670	01.11.1958	 4
	90505071	USA	FT DAVIS TEX	USA	-103.9500	30.6330	06.01.1959	 4
	90505057	S	KIRUNA	S	20.4170	67.8330	01.06.1960	 2
	90505031	HOL	NEDERHORSTBERG	HOL	5.0830	52.2330	01.01.1961	 2
	90505052	RUS	NIRFI ZIMENKY	RUS	43.9500	56.3000	01.01.1962	 10
	90505069	USA	DELAWARE OHIO	USA	-83.0330	40.2500	01.01.1962	 3
	90505047	POL	PIWNICE 1	POL	18.5500	53.0830	08.05.1963	 1
	90503868	USA	DANVILLE ILL	USA	-87.5500	40.0670	01.06.1963	 2

Results: 353

Rows per page: 10

Results: 1-10 of 353

Page: 1 / 36

Available: Dashboard view of a selected station

Expand groups of filters to select the intended list of stations with criteria

And, if you wish, modify criteria previously input in the Home page

Sort columns and features on the list are available

Other explorations available:

- *Special Explorer*
- *My Space Explorer*
- *Query Builder*
- ***Temporary Explorer* to be available with analysis in relation with temporary studies**



ITU
Space
Explorer

Networks Explorer

Special Explorer

Temporary Explorer

My Space Explorer

Query Builder

FEEDBACK





NEW


Special Explorer

Ad hoc exploration

NEW:

Special Explorer

2 Special
Explorations
available
On click



ITU
Space
Explorer

Networks Explorer **Special Explorer** Temporary Explorer My Space Explorer Query Builder

FEEDBACK

Home > Special Explorer

Up to latest BR IFIC No 3036 / 10.12.2024

Contacts and Operating Agencies (BR IFIC Preface Table 12)

Search the responsible administrations, operating agencies and network organizations

GO

Application of Radio Regulations Article 4.4


Administrations of the Member States shall not assign to a station any frequency in derogation of either the Table of Frequency Allocations in this Chapter or the other provisions of these Regulations, except on the express condition that such a station, when using such a frequency assignment, shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the Constitution, the Convention and these Regulations.

GO

NEW:





Special Explorer

1. Search contact information on Administrations and Operators

 **ITU**
Space
Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerQuery Builder

FEEDBACK



Home > Special Explorer > Contacts

Up to latest BR IFIC No 3036 / 10.12.2024

Please find below the lists of contacts of Responsible Administrations, related Operating Agencies and Network Organizations

Responsible Administrations

Network Organizations

Search Text

Show Hints

Responsible Administrations (262)

Operating Agencies (9187)

Network Organizations (12)

Administration		Address	
Symbol	Name	Code	Address
ABW	Aruba	A	MINISTRY OF ECONOMIC AFFAIRS, AGRICULTURE AND INNOVATION, RADIO COMMUNICATIONS AGENCY P.O. BOX 450, 9700 AL GRONINGEN PHONE: +31 50 58 77 555 EMAIL: info@agentschaptelecom.nl TELEFAX: +31 50 58 77 400
ABW	Aruba	B	DIRECTIE TELECOMMUNICATIE ZAKEN RUMBASTRAAT 19 ORANJESTAD TELEFAX: +297 582 5307 PHONE: +297 582 6069 EMAIL: dirtelze@seternet.aw
			MINISTRY OF COMMUNICATIONS LIAISON AND DOCUMENTS DEPARTMENT


NEW:
Special Explorer

2. Search use
of Article 4.4

Filters to select
notices





Detailed data in
the DashBoard
of the
network/system

Export all options on
current selection and at
group level detail

 ITU
Space Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerQuery Builder

FEEDBACK



Home > Special Explorer > Application of Article 4.4

Up to latest BR IFIC No 3036 / 10.12.2024

List of Notices with information on application of Article 4.4 of the Radio Regulations on frequency bands

Notifying AdministrationNetwork OrganizationCountriesSearch NameXShow HintsExport (current tab)Export (all tabs at group data)

Space Stations (812)Earth Stations (102)Radio Astronomy (175)

SNS Notice ID	Notifying Adm. / Network Org.	Satellite Network Name	GSO Location East (+) or West (-) (Degrees)	Notice Type	Notification Reason	Provision	Plan/ Non-Plan	Notice Date of Receipt	Number of Freq. Bands With Article 4.4 Applied	Open Notice Dashboard on Art.4.4
124545314	D	OTC-P1		N	A	9.1/1A	Non-Plan	25.09.2024	3	
124545313	IND	SPADEX		N	A	9.1/1A	Non-Plan	25.09.2024	6	
124545303	J	KOSEN-2R		N	A	9.1/1A	Non-Plan	13.09.2024	1	
121545120	J	LEOMI		N	A	9.1/1A	Non-Plan	13.09.2024	2	
124545304	SGG	NUSHSAT1		N	A	9.1/1A	Non-Plan	13.09.2024	2	
124545302	USA	DORA		N	A	9.1/1A	No			
124545297	D	VIBES PIONEER		N	A	9.1/1A	No			
124545298	KOR	SNUGLITE-III		N	A	9.1/1A	No			
124545291	I	ION SCV-017		N	A	9.1/1A	No			
117500217	USA	SWOT-USA		N	N	11.2	No			
124545282	USA	IMPULSE-2		N	A	9.1/1A	No			
124545281	USA	LIME		N	A	9.1/1A	No			
124545275	USA	USASAT-305-1		N	A	9.1/1A	No			
124545049	USA	USASAT-NGSO-12		N	A	9.1/1A	Non-Plan	22.08.2024	9	
124545272	E	PAZ_2-A		N	A	9.1/1A	Non-Plan	21.08.2024	1	

General overview of frequency bands with Article 4.4 applied

LowerFrequency LimitsUpper

Emission (Tx)2248.5 MHz26960 MHz

Reception (Rx)156.7625 MHz9900 MHz

Inter-Satellite Link (ISL)MHzMHz

Note: Please use the link "Open Dashboard for Detail" for further details

Visualization of frequency bands



NEW

My Space Explorer

**Save, Manage, Reuse
easily your personal
queries**

NEW: My Space Explorer

To save your
favorite queries

First
In Networks
Explorer
Save your
query


with your
filters
selection

1. In **Networks Explorer**
Login as TIES user

2. **Save your filter criteria**
to My Space Explorer





3. Name your query and save

**When you set it as public, no login
is needed to view the query saved**

 **ITU**
Space Explorer

Networks Explorer | Special Explorer | Temporary Explorer | My Space Explorer | Query Builder

FEEDBACK

Home > Networks Explorer > Space Stations

Up to latest BR IFIC No 3036 / 10.12.2024

Identity

Explore Space Networks or Systems by

Space Network System (SNS) BR Space Publications

Satellite Network

Notifying Administration

Network Organization

Satellite Network Name

Note: use % for partial-match search, e.g. MY-SAT-%

All Non-Plan Only Plan Only

Type of Satellite Network

☒ Geostationary 30

☐ Non-Geostationary 12

[More filters](#)

Results: 30

Save/Share Export Show Hints Reset Filters

Open Dashboard for Detail	SNS Notice ID	Notifying Adm. / Network Org.	Satellite Network Name	GSO Location East(+) or West(-) (Degrees)	Notice Type	Notification Reason	Provision	Plan/ Non-Plan	Notice Date of Receipt
<input checked="" type="checkbox"/>	95520208							Plan	19.06.1997
<input checked="" type="checkbox"/>	98590403							Plan	30.06.1998
<input checked="" type="checkbox"/>	98590401							Plan	11.09.1999
<input checked="" type="checkbox"/>	102520078							Plan	18.04.2003
<input checked="" type="checkbox"/>	90500540							Plan	12.08.2003
<input checked="" type="checkbox"/>	104590027							Plan	19.11.2004
<input checked="" type="checkbox"/>	97520014							Plan	11.03.2004
<input checked="" type="checkbox"/>	107590007							Plan	30.04.2007
<input checked="" type="checkbox"/>	104500472							Plan	02.10.2007
<input checked="" type="checkbox"/>	108501081							Plan	22.07.2008

Save Bookmark to My Space Explorer

A bookmark will save the query (filter choices) but not the associated data. To save data please use the "Export" function.

Title

MyQuery S GEO Non-Plan

☐ Set as Public (no login needed to view)

CLOSE SAVE

Results: 30

Rows per page

Page: 1 of 3

< >

Go to
My Space
Explorer

NEW



My Space Explorer

Then
Manage easily your saved
personal queries

With the bookmarks
private and public

The screenshot displays the 'My Space Explorer' interface within the ITU Space Explorer application. The top navigation bar includes the ITU logo and links to 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer' (which is highlighted), and 'Query Builder'. Below the navigation bar, the breadcrumb 'Home > My Space Explorer' is shown, along with a version update notice: 'Up to latest BR IFIC No 3036 / 10.12.2024'. A descriptive text block explains that users can save and share query bookmarks, but only the query filters are saved, not the data itself. The main content area is divided into two panels. The left panel features a search bar and a list of bookmark categories: 'Favorite Bookmarks (1)', 'From Space Stations (1)', 'From Earth Stations (0)', 'From Radio Astronomy (0)', 'From Query Builder (0)', 'Received Shared Bookmarks (0)', and 'Public Bookmarks (0)'. The right panel displays the 'Favorite Bookmarks' section, which contains two identical entries for 'MyQuery S GEO Non-Plan'. Each entry includes a star icon, an envelope icon, a share icon, and a vertical ellipsis icon.



NEW

Query Builder


Create personal exploration

Query Builder

First Login with your TIES account

2. Select data:

3. Filter data:
Class of Station

 **Space Explorer**

Networks Explorer




Special Explorer

Temporary Explorer

My Space Explorer


Query Builder

FEEDBACK




Home > Query Builder

Query Builder can access only the Space Networks System (SNS) database, i.e. the active networks. For BR Space Publications, please use the Networks Explorer.
Please note that depending on the combination of data items and filters selected, query performance can vary, taking minutes to execute. Limit the number of data items or apply filters (e.g. include an Administration) to limit execution time.
By default, the "Identity > Notifying Administration" filter has been pre-filled according to the information in your Staff/TIES account.

Select Data Items 

Fields remaining: 10/20

Search 

Description

☐ Date of publication (BR IFIC)

Table emiss

☐ Max power density

☐ Designation of emission

Table carrier_fr

☐ Carrier frequency of the emissions

Table pwr_ctrl

☐ Power control

Table ex_op_grp

☐ Excl. op. grouping code (BSS)

Field Name

d_wic

pwr_ds_max


design_emi


freq_carr


pwr_ctrl


beamgrp_id


APPLY

Identity 

Type of Satellite Network 





Class of Station 

Frequency Characteristics 

Regulatory Process 

Hide Filters

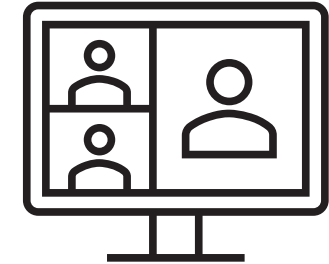
Results: 26

 Save  Export  Show Hints  Reset Filters

com_el. ntc_id	com_el. tgt_ntc_id	com_el. adm	com_el. ntwk_org	com_el. sat_name	com_el. long_nom	com_el. ntc_type	com_el. prov	com_el. ntf_rsn	com_el. d_rcv
118545152		SUI		ACN		N	9.1/IA	A	31.08.2018
121500092		SUI		ACN		N	11.2	N	23.06.2023
118545028		SUI		ACN-0		N	9.1/IA	A	30.01.2018
120500106		SUI		ACN-0		N	11.2	N	19.05.2020
123520033		SUI		CHE-SAT-26W	-26	G	9.6	C	04.04.2023
123520030		SUI		CHE-SAT-2E	2	G	9.6	C	04.04.2023
123520034		SUI		CHE-SAT-36W	-36	G	9.6	C	04.04.2023
123520031		SUI		CHE-SAT-8W	-8	G	9.6	C	04.04.2023
123520032		SUI		CHE-SAT-9E	9	G	9.6	C	04.04.2023
123545190		SUI		CLEARSPACE-OR		N	9.1/IA	A	15.06.2023
117520203		SUI		INMARSAT-7-142E5	142.5	G	9.6	C	02.06.2017
124590024		SUI		INMARSAT-7-142E5	142.5	G	RS49	U	01.05.2024
117520279		SUI		INMARSAT-7-1E5	1.5	G	9.6	C	25.07.2017
117520280		SUI		INMARSAT-7-3E	3	G	9.6	C	25.07.2017
115545066		SUI		S4P		N	9.1/IA	A	02.11.2015
117500028		SUI		S4P		N	11.2	N	05.02.2019
122590010		SUI		S4P		N	RS49	U	16.02.2022
116520107		SUI		S4P		N	9.6	C	25.09.2022
122545004		SUI		SPACELOOP		N	9.1/IA	A	05.01.2022
122520056		SUI		SPACELOOP		N	9.6	C	04.05.2022
90558192		SUI		SUI00000	9.45	G		P	16.03.1990
100550189		SUI		SUI14000	-18.8	G		B	02.06.2000
100550821		SUI		SUI14000	-18.8	G		B	02.06.2000
107540069		SUI		SWISSCUBE		N	9.1/IA	A	28.02.2007
109540973		SUI		TISAT-1		N	9.1/IA	A	21.12.2009
110500265		SUI		TISAT-1		N	11.2	N	25.10.2010

Support

Need help to start ? Meet us!



Virtual mini-sessions how to use
ITU SpaceExplorer are available.

For registration email to: ITUSpaceExplorer@itu.int

-- The ITU SpaceExplorer Team