



ITU  
Space  
Explorer

**Networks Explorer**

Special Explorer

Temporary Explorer

My Space Explorer

ToolBox

# ITU SpaceExplorer

V.1.2.8

**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 | ToolBox

FEEDBACK

Home > Networks Explorer

Up to latest BR IFIC No 3048 / 10.06.2025

**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).  
If you're just starting out, visit our **World Radiocommunication Seminar website** ([WRS-24](#) 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.

**Explore by**  
Data available up to latest BR IFIC No 3048 / 10.06.2025.

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  
In Latest BR IFIC

Proceed directly with active SNS Notice ID

SNS Notice ID

GO

**Data Availability** The Space Networks Systems (SNS) data are updated with each [BR IFICs \(space\)](#) publication.

**How to login?** Access to the SNS technical data in ITU SpaceExplorer requires a login. It is granted to ITU members having a TIES User account ([link](#)), or to those with an annual subscription to the [Space Network System \(SNS\) in ITU SpaceExplorer](#).  
Please use the login button in the upper right corner and enter your TIES User account details: [username] and [password], or [your email address] 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](mailto:ITUSpaceExplorer@itu.int)

Privacy Notice | Support | Introduction | Help

Up to latest BR IFIC No 3048 / 10.06.2025 | © 2025 ITU All Rights 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) X




Search  
All Space Stations



On the “List View”  
page you can:

Sort columns and features  
on the list are available

 ITU  
Space  
Explorer

Networks Explorer

Special Explorer

Temporary Explorer

My Space Explorer

ToolBox

Home > Networks Explorer > Space Stations

Up to latest BR IFIC No 3048 / 10.06.2025

Identity ⓘ

Type of Satellite Network ⓘ

Frequency Characteristics ⓘ

Regulatory Process ⓘ

Regulatory Dates ⓘ

Hide Filters















Results: 98

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
	119559015	S	OHO-30B-45E	45.00	G	P	A30B#6.1A	Plan (AP30B)	14.10.2019	 5
	119559016	S	OHO-30B-77E	77.00	G	P				
	119559017	S	OHO-30B-86E-2	86.00	G	P				
	119559018	S	OHO-30B-110E	110.00	G	P				
	119559019	S	OHO-30B-160E	160.00	G	P				
	119559020	S	OHO-30B-177E-2	177.00	G	P				
	112559007	S	SIRIUS-30B-5E-5	5.00	G	P				
	120570001	S	SIRIUS-30B-5E-5	5.00	G	N	A30B#8.1	Plan (AP30B)	13.01.2020	 12
	120581001	S	SIRIUS-30B-5E-5	5.00	G	U	RS49	Plan (AP30B)	13.01.2020	 12
	120500028	S	BEYOND-ATLAS-1		N	N	11.2	Non-Plan	06.02.2020	 3

Results: 98

Rows per page: 10

Results: 71-80 of 98

Page: 8 / 10

Lower

Upper

Frequency Limits

Emission (Tx)


Reception (Rx)

11'207 MHz

13'243 MHz

MHz

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

ToolBox

FEEDBACK

Home > Networks Explorer > Space Stations

Up to latest BR IFIC No 3048 / 10.06.2025

**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

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/SNS subscriber and click on the cards for more detailed information ...

Identity

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

Regulatory Status Tracking

Status: Active  
In Master Register (MIFR): Yes  
Period of Validity: 50 years  
Confirmed Brought into Use: Yes (Full)  
Suspension of Use: Yes (Full)  
Earliest Regulatory Date Limit of Bringing into Use: 19.05.2023

Publications in BR IFIC Space

2  
API  
6  
NOTIFICATION  
1  
COORDINATION  
OTHER  
Earliest Publication Date: 07.06.2016  
Latest Publication Date: 27.05.2025

Related Notices Information

Notice ID	Provision	Notice Date of Receipt
116520450	9.6	19.05.2023
122500123	11.2	27.07.2022
121590062	RS49	14.09.2021

Network Structure Navigation

Emission (Tx)

Reception (Rx)

Inter-Satellite Link (ISL)

Lower

Frequency Limits

Upper

17'700 MHz

20'200 MHz

27'500 MHz

30'000 MHz

(1 bands)

(1 bands)

(0 bands)

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

50  
MAX. PERIOD OF VALIDITY (years)

Public cards

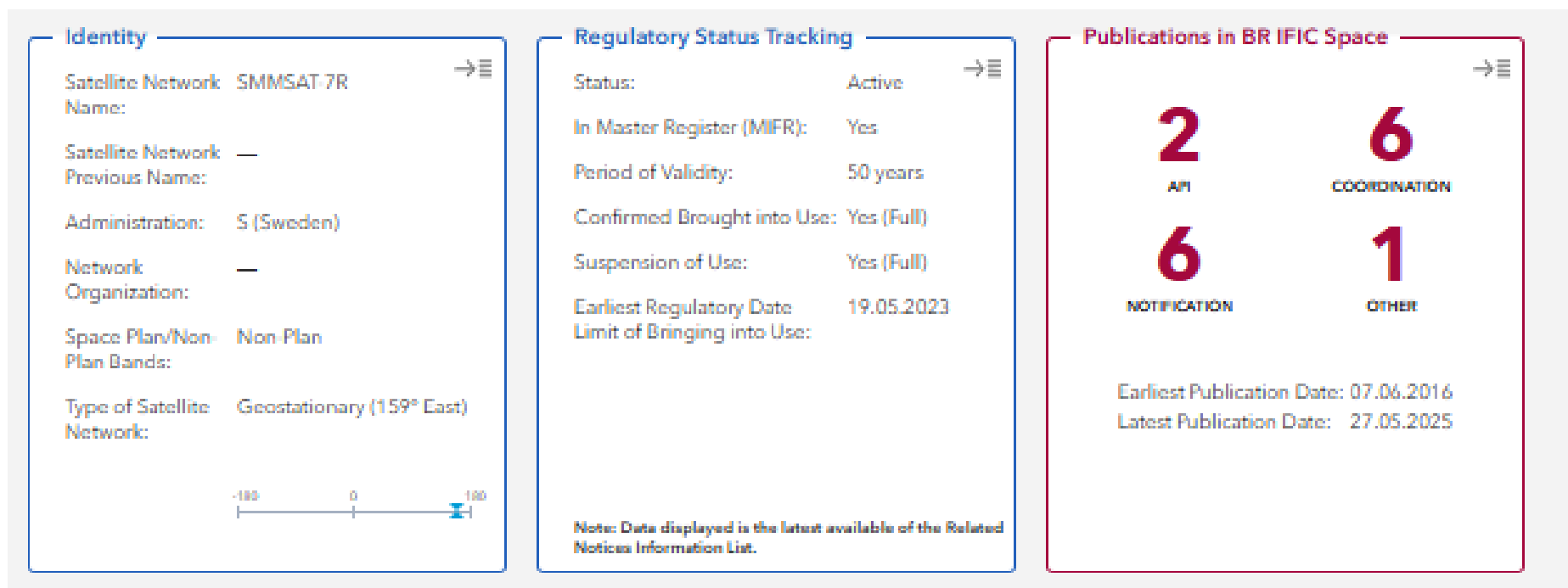
Login cards





## 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

2

6

Satellite Name > Identity SMMSAT-7R, S Geostationary (159° East)		Export
Satellite Network Name:	SMMSAT-7R	
Satellite Network Previous Name:	—	
Administration:	S (Sweden)	
Network Organization:	—	
Responsible Administration:	<ul style="list-style-type: none"><li>SWEDISH POST AND TELECOM AGENCY (PTS) P.O. BOX 5398 S-102 49 STOCKHOLM TELEFAX +46 8 6785505 TELEX 054 40777 RADCON S</li></ul>	
Operating Agency:	<ul style="list-style-type: none"><li>V3GS COMMUNICATIONS S</li></ul>	
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 > 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	
116520450	SMMSAT-7R	19.05.2023	CR/C/4311	MOD 3		Partial		3011	12.12.2023	
122500123	SMMSAT-7R	27.07.2022	PART II-S					2988	24.01.2023	
122500123	SMMSAT-7R	27.07.2022	PART I-S					2985	29.11.2022	
						-		2964	08.02.2022	
						-		2958	02.11.2021	
						-		2957	19.10.2021	
						-		2953	24.08.2021	
						-		2953	24.08.2021	
						-		2862	23.01.2018	
						-		2861	09.01.2018	
						-		2850	25.07.2017	
						-		2847	13.06.2017	
						-		2821	07.06.2016	

Satellite Name > Regulatory Status Tracking

SMMSAT-7R, S

Geostationary (159° East)

↑

Export

Status:	Active
In Master Register (MIFR):	Yes
Period of Validity:	50 years
Date of Bringing into Use:	18.05.2021
Confirmed Brought into Use:	Yes (680/680 groups)
Suspension of Use since:	01.11.2024 (680/680 groups)
Resumption of Use since :	No
Regulatory Date(s) Limit of Bringing into Use:	19.05.2023
BR IFIC Date of Latest Publication:	27.05.2025

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

CLOSE

CLOSE

# Card on Network Structure Navigation

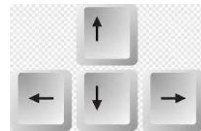


- detailed information

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

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



# 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

Home > Networks Explorer > Earth Stations

Q: Up to latest BR 91C No 3048 / 10.06.2025

Identity

Frequency Characteristics

Regulatory Process

Regulatory Dates

Hide Filters

Results: 8'245

Export Show Hints Reset Filters

Open Dashboard for Detail	SNS Notice ID	Notifying Admin / Network Org	Earth Station Name	Country	Geographical Longitude (Degrees)	Geographical Latitude (Degrees)	Satellite Network Name Associated	Satellite Network Notifying Admin / Network Org	QSO Location East (+) or West (-) (Degrees)	Plan / Non-Plan	Notice Type	Notification Reason	BR 91C Part	Notice Date of Receipt	Number of Freq. Bands
	90504708	USA	KAHNA POINT	HVA	-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	PINT REYES CA	USA	-122.9330	38.1000	SAR	USA		Non-Plan	S	N		08.07.1981	1
	90501648	INS	BANDA ACEH	INS	95.3170	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
	90501682	INS	DEBOBO	INS	123.6000	-10.3000	PALAPA-B1	INS	108.00	Non-Plan	S	N		02.09.1981	2

Results: 8'245

Rows per page: 10 Results: 1-10 of 8'245 Page: 1 / 825

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

View Lists of

# Radio Astronomy Stations

ITU Space Explorer

Networks Explorer Special Explorer Temporary Explorer My Space Explorer ToolBox

Home > Networks Explorer > Radio Astronomy

Up to latest BR IF C No 3048 / 10.06.2025

Sort columns and features on the list are available

FEEDBACK

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)

From To

Longitude (Decimal Degrees)

From To

APPLY

Frequency Characteristics

Regulatory Process

Regulatory Dates

Hide Filters Results: 353

Export Show Hints Reset 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
	90505068	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

## Other explorations available:

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



ITU  
Space  
Explorer

Networks Explorer

Special Explorer

Temporary Explorer

My Space Explorer

ToolBox

FEEDBACK



Login



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

ToolBox

FEEDBACK

   Login

Home > Special Explorer

Up to latest BR IFIC No 3048 / 10.06.2025

### 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](#)

### Suppressed and Removed

Non-plan notices suppressed (totally) or removed (partially and totally) from the SNS database of active satellites networks, systems, earth stations, and radio astronomy stations.


[GO](#)

# NEW:

## Special Explorer




### 1. Search contact information on Administrations and Operators



 **ITU Space Explorer**

Networks Explorer **Special Explorer** Temporary Explorer My Space Explorer ToolBox


FEEDBACK

   Login

Home > Special Explorer > Contacts

Up to latest BR IFIC No 3048 / 10.06.2025

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

 0

Responsible Administrations (262) Operating Agencies (9249) 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


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 ExplorerToolBox

FEEDBACK

 Login

Home > Special Explorer > Application of Article 4.4

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

Notifying AdministrationNetwork OrganizationCountriesSearch NameX

Show Hints

Export (current tab)Export (all tabs at group data)

Space Stations (750)Earth Stations (103)Radio Astronomy (175)

Open Notice Dashboard on Art.4.4	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
<input checked="" type="checkbox"/>	125545023	USA	SILVERSAT		N	A	9.1/IA	Non-Plan	24.01.2025	2
<input checked="" type="checkbox"/>	125545006	USA	BLUE GHOST MISSION 1		N	A	9.1/IA	Non-Plan	13.01.2025	1
<input checked="" type="checkbox"/>	125545003	USA	OTP-2		N	A	9.1/IA	Non-Plan	13.01.2025	1
<input checked="" type="checkbox"/>	125545005	USA	RADIOSTAR		N	A	9.1/IA	Non-Plan	13.01.2025	5
<input checked="" type="checkbox"/>	125545004	USA	USASAT-NGSO-MULS-2		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545411	CHN	GSN		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545413	CHN	M-SKYHUB		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545403	CHN	CSN-SSO		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545399	E	6GSTARLAB_API		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545398	E	SATMAR		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545393	D	CAPTIN-1		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545394	I	ION SCV-018		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545395	I	ION SCV-020		N	A	9.1/IA			
<input checked="" type="checkbox"/>	124545389	KOR	ETRISAT		N	A	9.1/IA	Non-Plan	18.12.2024	2
<input checked="" type="checkbox"/>	119545035	USA	USASAT-30G		N	A	9.1/IA	Non-Plan	18.12.2024	9
<input checked="" type="checkbox"/>	124545391	USA	USASAT-30G-KESTREL		N	A	9.1/IA	Non-Plan	18.12.2024	3
<input checked="" type="checkbox"/>	117500324	E	SWOT		N	N	11.2	Non-Plan	17.12.2024	3

General overview of frequency bands with Article 4.4 applied

LowerFrequency LimitsUpper

Emission (Tx)Reception (Rx)Inter-Satellite Link (ISL)

915.5 MHz2'252.968 MHz156.7625 MHz2'074.35 MHz

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

2. Save your filter criteria  
to My Space Explorer

1. In Networks Explorer  
Login

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 | ToolBox

Home > Networks Explorer > Space Stations

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 7'148

☐ Non-Geostationary 3'097

Results: 7'148

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
	90500528	RUS	PROGNOZ-2	12.00	G	N	RR1488	Non-Plan	02.08.1984	11
	90500529	RUS	PROGNOZ-3	35.00	G	N	RR1488	Non-Plan	02.08.1984	11
	90500531	RUS	PROGNOZ-1	-24.00	G	N	RR1488	Non-Plan	02.08.1984	11
	90500531	RUS	PROGNOZ-1	-24.00	G	N	RR1488	Non-Plan	12.03.1986	4
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24
	86	86	86	86	86	86	Plan (AP30-30A)	30.10.1986	32	24

Results: 1-10 of 7'148 | Page: 1 / 715

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

Go to  
My Space  
Explorer

NEW



# My Space Explorer

Then  
Manage easily your saved  
personal queries

With the bookmarks  
private and public

The screenshot shows 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', and 'My Space Explorer'. The main header area displays 'Home > My Space Explorer' and a button to 'Up to latest BR I'. Below this, a message explains that the system saves query filters but not data, and that bookmarks can be shared with TIES users and ITU Staff.

The interface is divided into two main sections. On the left is a sidebar with 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)'. On the right, the 'Favorite Bookmarks' section is active, showing a list of saved queries. The first entry is 'MyQuery S GEO Non-Plan', which is displayed in a light blue box with icons for favoriting, emailing, sharing, and a menu. Below this, the 'From Space Stations' section is visible, followed by another instance of the 'MyQuery S GEO Non-Plan' query. The 'From Earth Stations' section is partially visible at the bottom.



NEW

## ToolBox

Create personal tools



## Query Builder

Build ad hoc queries on lists of items of the satellite networks in non-Panned bands from the Space Networks System (SNS) database, i.e. the active satellite networks.

GO

## URL Link Generator

Custom URL Generation for Lists to create direct access to filtered lists in ITU SpaceExplorer that anyone can use, for example as a browser bookmark or link in another application.

GO

# Query Builder

## First Login with your account

2. Select data:

3. Filter data:  
Class of Station

ITU  
Space  
Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerToolBox

FEEDBACK

Home > ToolBox > Query Builder

Up to latest BR IFIC No 3048 / 10.06.2025

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

X

Description

Field Name

Table com\_el

☒ Notice Id

☒ Target notice Id

☒ Administration

☒ Network organization

☒ Satellite name

☒ Longitude

☒ Notice type

☒ Provision

☒ Reason

☒ Date of receipt (notice level)

ntc\_id

tgt\_ntc\_id

adm

ntwk\_org

sat\_name

long\_nom

ntc\_type

prov

ntf\_rsn

d\_rcv

APPLY

Hide Filters

Results: 22

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-DR		N	9.1/IA	A	15.06.2023

Results: 22

Rows per page: 10

Results: 1-10 of 22

Page: 1 / 3

Identity


Type of Satellite Network

Class of Station

Frequency Characteristics





Regulatory Process

# URL Generator

 **ITU**  
Space Explorer

Networks ExplorerSpecial ExplorerTemporary ExplorerMy Space ExplorerToolBox

FEEDBACK



Home > ToolBox > URL Link Generator

Up to latest BR IFIC No 3048 / 10.06.2025

### URL Link Generator:

With the programmatically generated URL, you can open from your browser or applications the ITU Space Explorer lists already filtered with your input parameters.

[References and Examples](#)

Station Type:

Space Station

Earth Station

Radio Astronomy Station

Data Source:

Space Network System (SNS)

BR Space Publications (SP)

Plan/Non-Plan:

☒ Plan only

☒ Non-Plan only

Identity:

Notifying Administration

Network Organization

Satellite Network Name



Type of Satellite Network:

☒ Geostationary

☒ Non-Geostationary

Generated URL:

`https://www.itu.int/itu-r/space/apps/public/spaceexplorer/list-redirect?entity=ss&src=sns&geo=1&nonge=1&plan=1&nonplan=1`

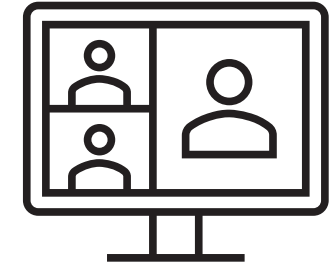


1. Select data:

2. Get the URL generated

# Support

**Need help to start ? Meet us!**



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

For registration email to: [ITUSpaceExplorer@itu.int](mailto:ITUSpaceExplorer@itu.int)

*-- The ITU SpaceExplorer Team*