



Space
Explorer

Networks Explorer

Special Explorer

Temporary Explorer

My Space Explorer

Query Builder

ITU SpaceExplorer

V.0.18.0 **Pilot Phase 1**

Start the improved user experience with an example:

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

On the main page
you can already:

The screenshot shows the ITU Space Explorer website. The top navigation bar includes the ITU logo, 'Space Explorer', and menu items for 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer', and 'Query Builder'. A 'BETA | FEEDBACK' button is also present. The main content area features a search interface with two tabs: 'Space Network System (SNS)' and 'BR Space Publications'. Under the SNS tab, there are three dropdown filters: 'Notifying Administration', 'Network Organization', and 'Satellite Network Name'. Below these are four search buttons: 'Search All Space Stations' (blue), 'Search Earth Stations' (orange), 'Search Radio Astronomy' (green), and 'Search Space Stations In Latest BR IFIC' (red). A section for 'Proceed directly with active SNS Notice ID' includes an input field for the 'SNS Notice ID' and a 'GO' button. Two callout boxes are present: one on the right side pointing to the search filters, and one at the bottom pointing to the search buttons.

Home > Networks Explorer Up to latest BR IFIC No 3021 / 14.05.2024

The ITU Space Explorer gives you access to the Space Networks Systems Database of the Radiocommunication Bureau of the ITU. The database contains Appendix 4 data of geostationary satellite filings, non-geostationary satellite filings, Earth station filings, and Radio Astronomy filings.

Disclaimer
This version is a pilot. The number of combinations of filters is very large and the results obtained may be inaccurate. If you identify a difference from the expected result, you are encouraged to report it to ITUSpaceExplorer@itu.int

Explore by
1'958 GSO notices in MIFR, 694 Non-GSO notices in MIFR, 11'745 total notices to explore in SNS.
Up to latest BR IFIC No /

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

Available to search contacts of Administrations and Operators And use of Article 4.4

To access Dashboard view of data related to a selected:

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

Privacy Notice Support Help Up to latest BR IFIC No 3021 / 14.05.2024 © 2024 ITU All Rights Reserved



Show Hints

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

NEW



ITU Space Explorer

**Step by step
introduction**

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

Home > Networks Explorer Up to latest BR IFIC No 3021 / 14.05.2024

The ITU Space Explorer gives you access to the Space Networks Systems Database of the Radiocommunication Bureau of the ITU. The database contains Appendix 4 data of geostationary satellite filings, non-geostationary satellite filings, Earth station filings, and Radio Astronomy filings.

Disclaimer
This version is a pilot. The number of combinations of filters is very large and the results obtained may be inaccurate. If you identify a difference from the expected result, you are encouraged to report it to ITUSpaceExplorer@itu.int

Explore by

1'958 GSO notices in MIFR, 694 Non-GSO notices in MIFR, 11'745 total notices to explore in SNS.
Up to latest BR IFIC No /

Space Network System (SNS) BR Space Publications

Notifying Administration Network Organization Satellite Network Name

Proceed directly with active SNS Notice ID

Privacy Notice Support Help Up to latest BR IFIC No 3021 / 14.05.2024 © 2024 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

1'884 GSO notices in MIFR, 669 Non-GSO notices i
Up to latest BR IFIC No /

Space Network System (S

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

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

The screenshot shows the ITU Space Explorer interface. The top navigation bar includes 'ITU Space Explorer', 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer', and 'Query Builder'. A 'BETA | FEEDBACK' button is on the right. The breadcrumb trail is 'Home > Networks Explorer > Space Stations'. The main content area features a table of satellite networks with columns: Open Dashboard, 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, and Number of Freq. Bands. A sidebar on the left contains filter groups: Identity, Type of Satellite Network, Frequency Characteristics, Regulatory Process, and Regulatory Dates. A frequency band chart on the right shows Emission (Tx) and Reception (Rx) bands. The bottom of the interface includes pagination controls: 'Results: 100', 'Rows per page: 10', 'Results: 81-90 of 100', and 'Page: 9 / 10'.

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:

The screenshot shows the ITU Space Explorer interface. The top navigation bar includes 'ITU Space Explorer', 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer', and 'Query Builder'. A 'BETA | FEEDBACK' button is on the right. The breadcrumb path is 'Home > Networks Explorer > Space Stations'. The main content area is divided into a left sidebar and a right table.

Identity

Explore Space Networks or Systems by

Space Network System (SNS) BR Space Publications

Satellite Network

Notifying Administration: S (Sweden) X

Network Organization

Satellite Network Name

All Non-Plan Only Plan Only

Type of Satellite Network

Geostationary 24 [More filters](#)

Non-Geostationary 10

Table Headers:

- Open Dashboard
- SNS Notice ID
- Notifying Adm. / Network Org.
- Satellite Network Name
- GSO Location East (+) or West (-) (Degrees)
- Notice Type
- Notification Reason
- Provision

Open Dashboard	SNS Notice ID	Notifying Adm. / Network Org.	Satellite Network Name	GSO Location East (+) or West (-) (Degrees)	Notice Type	Notification Reason	Provision
	116520450	S	SMMSAT-7R	159.00	G	C	9.6
	121590062	S	SMMSAT-7R	159.00	G	U	RS49
	122500123	S	SMMSAT-7R	159.00	G	N	11.2
	98590401	S / NOT	TELE-X	5.00	G	U	RS49
	90500541	S / NOT	TELE-X	5.00	G	N	RR1488
	112593004	S	SIRIUS-5E	5.00	G	U	RS552
	112500153	S	SIRIUS-5E	5.00	G	N	11.2
	110590015	S	SIRIUS-5E	5.00	G	U	RS49
	109500400	S	SIRIUS-P	5.00	G	N	11.2
	108501081	S	SIRIUS-3B	5.00	G	N	11.2

Results: 24

Rows per page: 10 Results: 1-10 of 24 Page: 1 / 3

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 ...

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

© Up to latest BR IFIC No 3021 / 14.05.2024

Export

Identity

Satellite Network Name: SMMSAT-7R

Satellite Network Previous Name: —

Administration: S (Sweden)

Network Organization: —

Space Plan/Non-Plan Bands: Non-Plan

Type of Satellite Network: Geostationary (159° East)

Regulatory Status Tracking

Active Status: Active

In Master Register (MIFR): Yes

Period of validity (years): 50

Date of Bringing 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

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

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

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

Inter-Satellite Link (ISL): —

Overview of Emissions Characteristics

5 SERVICES

Coordination Requirements & Examination Results

0 AFFECTED ADMINISTRATIONS
0 UNFAVORABLE FINDINGS

Due Diligence Information

Resolution 49

Associated Stations

60 EARTH STATIONS
0 SPACE STATIONS

Resolution 4

50 MAX. PERIOD OF VALIDITY (years)

The bookmarks of your Staff and TIES are the s... X

Public 3 cards

TIES account 5 cards

BETA | FEEDBACK

Login

For TIES users, login with your TIES username, or using ITU_ERSC\username
For BR staff, login with your ITU email, or using ITU_USERS\username



NEW in ITU SpaceExplorer

Public 3 cards – click for more information

Identity

Satellite Network Name: SMMSAT-7R


Satellite Network Previous Name: —

Administration: S (Sweden)

Network Organization: —

Space Plan/Non-Plan Bands: Non-Plan

Type of Satellite Network: Geostationary (159° East)



Regulatory Status Tracking

Active Status: Active

In Master Register (MIFR): Yes

Period of validity (years): 50

Date of Bringing 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

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





NEW in ITU SpaceExplorer

Public 3 cards – click for more information



Identity Regulatory Status Tracking Publications in BR IFIC Space

Satellite Network SMMSAT-7R Active Status: Active

Name: In Master Register (MIFR): Results: 13

Period of validity (years): Date of Bringing into Use: Export

Satellite Name > Identity

SMMSAT-7R
Geostationary (159° East)

Export

Satellite Network Name: SMMSAT-7R

Satellite Network Previous Name: —

Administration: S (Sweden)

Network Organization: —

Responsible Administration:

- SWEDISH POST AND TELECOM AGENCY (PTS)
P.O. BOX 5398
S-102 49 STOCKHOLM
TELEFAX +46 8 6785505
TELEX 054 40777 RADCON S

Operator:

- V3GS COMMUNICATIONS SWEDEN AB

Space Plan/Non-Plan bands: Non-Plan

Type of Satellite Network: Geostationary (159° East)

Satellite Name > Regulatory Status Tracking

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

Export

Active Status: Active

In Master Register (MIFR): 24.01.2023

Period of validity: 50 years

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

CLOSE

Satellite Name > Publications in BR IFIC Space

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

Results: 13 Export

SNS Notice ID	Satellite Network Name	Notice Date of Receipt	BR IFIC Publication	BR IFIC Publication Special Section	BR IFIC Publication Revision	Removal From SNS Database	Link to BR IFIC Database	BR IFIC/WIC Number	BR IFIC/WIC Data
	SMMSAT-7R	19.05.2023	CR/C/4311	4311	M3			3011	12.12.2023
	SMMSAT-7R	27.07.2022	PART II-S					2988	24.01.2023
	SMMSAT-7R	27.07.2022	PART I-S					2985	29.11.2022
	SMMSAT-7R	14.09.2021	PART III-S					2964	08.02.2022
	SMMSAT-7R	14.09.2021	PART I-S					2958	02.11.2021
	SMMSAT-7R	14.09.2021	RES49/2398	2398				2957	19.10.2021
	SMMSAT-7R	19.05.2016	API/A/11738	11738	M1			2953	24.08.2021
	SMMSAT-7R	27.12.2016	CR/C/4311	4311	M2			2953	24.08.2021
	SMMSAT-7R	27.12.2016	CR/D/3411	3411				2862	23.01.2018
	SMMSAT-7R	27.12.2016	CR/E/1458	1458				2861	09.01.2018
	SMMSAT-7R	27.12.2016	CR/C/4311	4311	M1			2850	25.07.2017
	SMMSAT-7R	27.12.2016	CR/C/4311	4311				2847	13.06.2017
	SMMSAT-7R	19.05.2016	API/A/11738	11738				2821	07.06.2016

Card on Network Structure Navigation

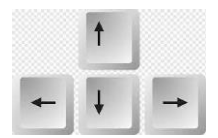


- detailed information

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-7R_S 122500123
Geostationary (150° East) Notification

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			66	
	D01Y	●	17 700	20 200	No	Y	CL,CR,M	-56.9	45	0.1			66	
	D04N	●	17 700	20 200	No	Y	CL,CR,M	-45.9	23	0.3			66	
	D06N	●	17 700	20 200	No	Y	CL,CR,M	-63.9	41	0.3			66	
	D08N	●	17 700	20 200	No	Y	CL,CR,M	-30.9	3	0.3			66	
	D15N	●	17 700	20 200	No	Y	CL,CR,M	-22.5	23	0.3			66	
	D17L	●	17 700	20 200	No	Y	CL,CR,M	-49.1	45	0.1			66	
	D18N	●	17 700	20 200	No	Y	CL,CR,M	-52.8	41	0.3			66	
	KAR	●	17 700	20 200	No	Y	CL,CR,M	-49.1	45	0.1			66	
	KAC	●	27 500	30 000	No	Y	CL,CR,M	-44	45	0.1			66	
	U01N	●	27 500	30 000	No	Y	CL,CR,M	-21.1	3	0.3			66	

Card on Overview of Emissions Characteristics



- detailed information

3 tabs to display the same
information as in SNS on line

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

7 tabs to display and filter requirements

Satellite Name > Notice > Coordination Requirements & Examination Results
SMMSAT-7R, S 122500123
Geostationary (159° East) Notification

Introduction	Commitments	Table I Summary of Coordination Requirements	Table II Affected Administrations	Affected Networks	Frequencies and Proposed Findings	Frequency Use Under RR Article 4.4
Freq. Min (MHz)		Service		Finding		Results (Rows): 343/343
Freq. Max (MHz)						
Frequency (MHz)	E/R	Bandwidth (KHz)	Class of Station	Finding	Remark	
17'750	☺	100'000	EC	A-	11.41,5.517	
17'750	☺	100'000	EC	A-		
17'850	☺	100'000	EC	A-	11.41	
17'850	☺	100'000	EC	A-		
17'900	☺	400'000	EK,ER	A-	11.41	
17'900	☺	400'000	EK,ER	A-		
17'950	☺	100'000	EC	A-	11.41	
17'950	☺	100'000	EC	A-		
17'950	☺	300'000	EC	A-	11.41	



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 122500123
Geostationary (159° East) Notification

Associated Earth Stations **Associated Space Stations**

Search by Station Name

Results: 822/822

Reset Filters

Export

Best fit data

Station Name	Country	Station Type	Longitude (Degrees)	Latitude (Degrees)	Group ID	Antenna Pattern (PDF) and Type	Noise Temperature (Kelvin)	Max. Isotropic Gain (dB)	Beamwidth (Degrees)	Previous Station Name	Class of Station	Nature of Service
0.33M		T			122711692	A-25*LOG(FI)		37	2.41		TC	CP
0.33M		T			122711698	A-25*LOG(FI)		37	2.41		TC	CP
0.33M		T			122711704	A-25*LOG(FI)		37	2.41		TC	CP
0.33M		T			122711710	A-25*LOG(FI)		37	2.41		TC	CP



Card on Due Diligence Information

2 tabs to display
Information and
frequencies

Satellite Name > Notice > Due Diligence Information Export

SMMSAT-7R, 5 121590062 Rev. 49
Geostationary (159° East) Link: 116520450

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

SMM5AT-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

Up to latest BR IFIC No 3021 / 14.05.2024

Identity

Frequency Characteristics

Regulatory Process

Regulatory Dates

Open Dashboard	SNS Notice ID	Notifying Adm / Network Org	Earth Station Name	Country	Geographical Latitude (Degrees)	Geographical Longitude (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
Open	123505362	GRC	EMBASSY RUS	GRC	38.0172	23.7694	EXPRESS-2B	RUS	-14.00	Non-Plan	S	N	Part II-S	04.10.2023	10
Open	123505363	GRC	EMBASSY RUS	GRC	38.0172	23.7694	EXPRESS-2	RUS	-14.00	Non-Plan	S	N	Part II-S	04.10.2023	2
Open	123505366	GRC	OTE KDE NEMEA	GRC	37.845	22.6217	INMARSAT-S4-R	G	39.00	Non-Plan	S	N	Part II-S	03.11.2023	2
Open	123505367	USA	SIoux FALLS SD	USA	43.7361	-96.6225	LANDSAT-9	USA		Non-Plan	S	N	Part II-S	08.11.2023	3
Open	123505372	CPV	GSO-RELAY-33.5E	CPV	14.9147	-23.5186	CHINASAT-E-33.5E	CHN	33.50	Non-Plan	S	N	Part II-S	04.12.2023	4
Open	123505373	USA	HIBLEO-CHANDLER	USA	33.2781	-111.89	HIBLEO-2FL2	USA		Non-Plan	S	N	Part III-S	04.12.2023	2
Open	123505376	USA	HIBLEO-TOBYHANNA	USA	41.1869	-75.4186	HIBLEO-2FL2	USA		Non-Plan	S	N	Part II-S	04.12.2023	2
Open	123505377	USA	HIBLEO-WAHIWA	USA	21.5192	-158.0169	HIBLEO-2FL2	USA		Non-Plan	S	N	Part II-S	04.12.2023	2
Open	123515060	USA	HIBLEO-TOBYHANNA	USA	41.1869	-75.4186	HIBLEO-2FL2	USA		Non-Plan	S	N	Part III-S	04.12.2023	2
Open	123515061	USA	HIBLEO-WAHIWA	USA	21.5192	-158.0169	HIBLEO-2FL2	USA		Non-Plan	S	N	Part III-S	04.12.2023	2

Results: 6/834

Rows per page: 10 Results: 6/821-6/830 of 6/834 Page: 683 / 684

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

View Lists of Radio Astronomy Stations

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

The screenshot shows the ITU Space Explorer interface for Radio Astronomy stations. The top navigation bar includes 'ITU Space Explorer', 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer', and 'Query Builder'. A 'BETA | FEEDBACK' button is also present. The breadcrumb trail is 'Home > Networks Explorer > Radio Astronomy'. The main content area is divided into a left sidebar and a main table.

Identity Section:

- Explore Radio Astronomy Stations by
- Space Network System (SNS): BR Space Publications
- Radio Astronomy Station filters:
 - Notifying Administration: [Dropdown]
 - Radio Astronomy Station Name: [Dropdown]
 - Country: [Dropdown]
 - Latitude (Decimal Degrees): [From] [To]
 - Longitude (Decimal Degrees): [From] [To]
- [APPLY]

Table of Results:

Open Dashboard	SNS Notice ID	Notifying Adm	Radio Astronomy Station Name	Country	Geographical Latitude (Degrees)	Geographical Longitude (Degrees)	Notice Date of Receipt	Number of Freq. Bands
[Icon]	120505172	USA	FORTALEZA	B	-3.8778	-58.4258	19.08.2020	[Icon] 4
[Icon]	120505174	BEL	HUMAIN_ANT34	BEL	50.1917	5.2575	28.08.2020	[Icon] 3
[Icon]	120505175	BEL	HUMAIN_ANT6M	BEL	50.1919	5.2533	28.08.2020	[Icon] 5
[Icon]	120505176	BEL	HUMAIN_SPADE	BEL	50.1919	5.2528	28.08.2020	[Icon] 4
[Icon]	121505175	LVA	LOFAR-LV614	LVA	57.5569	21.8558	17.05.2021	[Icon] 2
[Icon]	90505020	D	EFFELSBURG	D	50.5247	6.8836	24.06.2021	[Icon] 35
[Icon]	119505016	D	GOW-WETZELL TTW1	D	49.1439	12.8778	02.07.2021	[Icon] 3
[Icon]	121505199	AFS	SKA CORE	AFS	-30.7128	21.4436	30.07.2021	[Icon] 1
[Icon]	121505200	AFS	SKA107	AFS	-30.7225	21.5975	30.07.2021	[Icon] 1
[Icon]	121505201	AFS	SKA113	AFS	-30.7364	21.3917	30.07.2021	[Icon] 1

Results: 299

Rows per page: 10

Results: 231-240 of 299

Page: 24 / 30

Frequency Characteristics [Dropdown]

Regulatory Process [Dropdown]

Regulatory Dates [Dropdown]

Available: Dashboard view of a selected station

Other explorations available:

- *Special Explorer*
- *My Space Explorer*
- *Query Builder*



Networks Explorer

Special Explorer

Temporary Explorer

My Space Explorer

Query Builder

BETA | FEEDBACK



Sign In

NEW



Special Explorer

NEW: Special Explorer

2 Special
Explorations
available
On click



The screenshot shows the ITU Space Explorer Special Explorer interface. The top navigation bar is blue and contains the ITU logo, the text "ITU Space Explorer", and several menu items: "Networks Explorer", "Special Explorer" (highlighted), "Temporary Explorer", "My Space Explorer", and "Query Builder". To the right of the menu items is a red button labeled "BETA | FEEDBACK". Further right are three icons: a magnifying glass, a question mark, and a user profile icon.

Below the navigation bar, the breadcrumb "Home > Special Explorer" is on the left, and the text "Up to latest BR IFIC No 3021 / 14.05.2024" is on the right.

The main content area features two exploration cards:

- 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](#)

The bottom footer is dark grey and contains the following text: "Privacy Notice", "Support", "Help", "Up to latest BR IFIC No 3021 / 14.05.2024", and "© 2024 ITU All Rights Reserved".

NEW: Special Explorer

1. Search contact information on Administrations and Operators



ITU Space Explorer | Networks Explorer | **Special Explorer** | Temporary Explorer | My Space Explorer | Query Builder | BETA | FEEDBACK

Home > Special Explorer > Contacts Up to latest BR IFIC No 3021 / 14.05.2024

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

Responsible Administrations (262) | Operating Agencies (9124) | Network Organizations (11)

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: diirtelza@setarnet.aw
			MINISTRY OF COMMUNICATIONS

NEW: Special Explorer

2. Search use of Article 4.4

Filters to select notices

Detailed data in the Dashboard of the network/system

NEW: export all options on current selection and at group level detail

The screenshot displays the ITU Space Explorer interface. At the top, there is a navigation bar with the ITU logo and menu items: Networks Explorer, Special Explorer (highlighted), Temporary Explorer, My Space Explorer, and Query Builder. A 'BETA | FEEDBACK' button is also present. Below the navigation bar, the breadcrumb path is 'Home > Special Explorer > Application of Article 4.4'. The main content area is titled 'List of Notices with information on application of Article 4.4 of the Radio Regulations on frequency bands'. It features search filters for 'Notifying Administration', 'Network Organization', 'Countries', and a 'Search Name' field. Below the filters, there are tabs for 'Space Stations (764)', 'Earth Stations (102)', and 'Radio Astronomy (126)'. A table lists various notices with columns for SNS Notice ID, Notifying Adm./ Network Org., Satellite Network Name, GSO Location, Notice type, Notification Reason, Provision, Plan/ Non-Plan, Notice Date of Receipt, Number of Freq. Bands With Article 4.4 Applied, and Open Notice Dashboard on Art.4.4. An inset window titled 'General overview of frequency bands with Article 4.4 applied' shows a frequency spectrum with bars for Emission (Tx), Reception (Rx), and Inter-Satellite Link (ISL).

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
121545315	J	HELIOS_INT		N	A	9.1/1A	Non-Plan	29.03.2024	2	Open Dashboard
124545071	DNK	BIFROST-DNK		N	A	9.1/1A	Non-Plan	15.03.2024	8	Open Dashboard
124545070	J	FUSION		N	A	9.1/1A	Non-Plan	15.03.2024	2	Open Dashboard
123545203	J	LSC		N	A	9.1/1A	Non-Plan	14.03.2024	3	Open Dashboard
122545208	USA	ACSS		N	A	9.1/1A				
124545055	I	ION SCV-012		N	A	9.1/1A				
124545051	D	OTTER		N	A	9.1/1A				
123545150	USA	USASAT-30T		N	A	9.1/1A				
124545049	USA	USASAT-NGSO-12		N	A	9.1/1A				
122545280	G	FORGESTAR-1A		N	A	9.1/1A				
124545022	USA	RROCI-2		N	A	9.1/1A				
124545017	USA	M3		N	A	9.1/1A				
124500007	F	SPACECASE SCX01		N	N	11.2	Non-Plan	11.01.2024	3	Open Dashboard

Visualization of frequency bands

NEW



My Space Explorer

**Save and Manage 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 as TIES user

3. Name your query and save
When you set it as public, no login is needed to view the query saved

The screenshot shows the ITU Space Explorer interface. The top navigation bar includes 'ITU Space Explorer', 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer', and 'Query Builder'. A 'BETA | FEEDBACK' button is also present. The main content area displays a table of satellite network data with columns for 'Open Dashboard', 'SNS Notice ID', 'Notifying Adm. / Network Org.', 'Satellite Network Name', 'GSO Location', 'Notice Type', 'Notification Reason', 'Provision', 'Plan/ Non-Plan', 'Notice Date of Receipt', and 'Number of Freq. Bands'. A 'Save Bookmark to My Space Explorer' dialog box is overlaid on the table, containing a title field with the text 'MyQuery S GEO Non-Plan' and a checkbox for 'Set as Public (no login needed to view)'. A blue arrow points from the dialog to the 'My Space Explorer' link in the navigation bar.

Open Dashboard	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
<input checked="" type="checkbox"/>	98590403	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	6
<input checked="" type="checkbox"/>	98590401	S / NOT	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	6
<input checked="" type="checkbox"/>	104590027	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	1
<input checked="" type="checkbox"/>	107590007	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	6
<input checked="" type="checkbox"/>	104500472	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	10
<input checked="" type="checkbox"/>	108501081	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	1
<input checked="" type="checkbox"/>	110590015	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	8
<input checked="" type="checkbox"/>	112593004	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	1
<input checked="" type="checkbox"/>	112593005	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	1
<input checked="" type="checkbox"/>	113590059	S	112590015	112590015	Geostationary	112590015	112590015	Non-Plan	2004-10-08	11

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. At the top, there is a navigation bar with the ITU logo and 'Space Explorer' text, followed by menu items: 'Networks Explorer', 'Special Explorer', 'Temporary Explorer', 'My Space Explorer' (highlighted), and 'Query Builder'. On the right side of the navigation bar, there are 'BETA' and 'FEEDBACK' buttons, and user profile icons. Below the navigation bar, the breadcrumb 'Home > My Space Explorer' is visible, along with a version update notice: 'Up to latest BR IFIC No 3021 / 14.05.2024'. A small informational text block states: 'Use My Space Explorer to save and share bookmarks of queries. Only the query (choice of filters) is saved, not the data (use Export function to save a snapshot of data). Bookmarks can be shared with TIES users and ITU Staff.'

The main interface is divided into two columns. The left column is a sidebar with a search bar 'Search bookmark titles' and a list of bookmark categories: 'Favorite Bookmarks (1) ★', 'From Space Stations (2)', 'From Earth Stations (0)', 'From Radio Astronomy (0)', 'From Query Builder (0)', 'Received Shared Bookmarks (0) ✉', and 'Public Bookmarks (0) ⏪'. The right column displays the 'Favorite Bookmarks' section, which contains three query cards: 'THA Notification GSO', 'BR IFIC', and 'MyQuery S GEO Non-Plan'. Each card has a star icon, an envelope icon, a left arrow icon, and a vertical ellipsis icon. Below these cards, there are sections for 'From Space Stations', 'From Earth Stations', 'From Radio Astronomy', 'From Query Builder', 'Received Shared Bookmarks', and 'Public Bookmarks', all of which are currently empty.

At the bottom right of the interface, a green notification banner reads: 'Bookmark successfully saved. Share bookmarks in' followed by a close button 'X'.

NEW



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.

First Login with your TIES account

2. Select data
NEW: freq_carr

3. Filter data
NEW: Class of Station

Select Data Items 1

Fields remaining: 10/20

 X

Description	Field Name
<input type="checkbox"/> Date of publication (BR IFIC)	d_wic
Table emiss	
<input type="checkbox"/> Max power density	pwr_ds_max
<input type="checkbox"/> Designation of emission	design_emi
Table carrier_fr	
<input type="checkbox"/> Carrier frequency of the emissions	freq_carr
Table pwr_ctrl	
<input type="checkbox"/> Power control	pwr_ctrl
Table ex_op_grp	
<input type="checkbox"/> Excl. op. grouping code (BSS)	beamgrp_id

APPLY

Identity 1 ▼

Type of Satellite Network 1 ▼

Class of Station 1 ▲

Class of station of the group of frequency assignments

Class of station ▼

Frequency Characteristics 1 ▼

Regulatory Procees 1 ▼

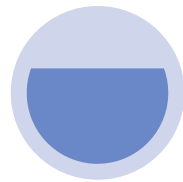
◀ Hide Filters ↓ Save ↗ Export 💬 Show Hints 🔄 Reset Filters Results: 37

com_el_ntr_id	com_el_tgt_ntr_id	com_el_adm	com_el_ntwk_org	com_el_sat_name	com_el_long_nom	com_el_ntr_type	com_el_prov	com_el_ntr_nn	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
117520201		SUI		INMARSAT-7-107E5	107.5	G	9.6	C	02.06.2017
117520192		SUI		INMARSAT-7-11W5	-11.5	G	9.6	C	02.06.2017
117520202		SUI		INMARSAT-7-127E5	127.5	G	9.6	C	02.06.2017
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
117520193		SUI		INMARSAT-7-18W	-18	G	9.6	C	02.06.2017
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
117520197		SUI		INMARSAT-7-67E5	67.5	G	9.6	C	02.06.2017
117520194		SUI		INMARSAT-7-72W	-72	G	9.6	C	02.06.2017
117520198		SUI		INMARSAT-7-73E	73	G	9.6	C	02.06.2017
117520195		SUI		INMARSAT-7-77W	-77	G	9.6	C	02.06.2017
117520199		SUI		INMARSAT-7-78E	78	G	9.6	C	02.06.2017
117520200		SUI		INMARSAT-7-87E5	87.5	G	9.6	C	02.06.2017
117520196		SUI		INMARSAT-7-87W	-87	G	9.6	C	02.06.2017
115545066		SUI		S4F		N	9.1/IA	A	02.11.2015
117500028		SUI		S4F		N	11.2	N	05.02.2019
122590010		SUI		S4F		N	RS49	U	16.02.2022
116520107		SUI		S4F		N	9.6	C	25.09.2022
122545004		SUI		SPACELOOP		N	9.1/IA	A	05.01.2022

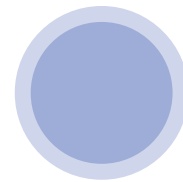
ITU SpaceExplorer – 2024 progress



Summer 2024:
completing all
tests on features



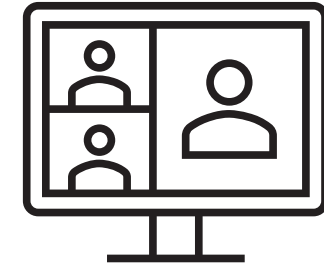
September 2024:
Switch from
SNS/SNL OnLine
to
ITU SpaceExplorer



December 2024:
Switch off
SNL/SNS OnLine

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