



30<sup>TH</sup> WORLD RADIOCOMMUNICATION SEMINAR

24 – 28 October 2022

Geneva, Switzerland

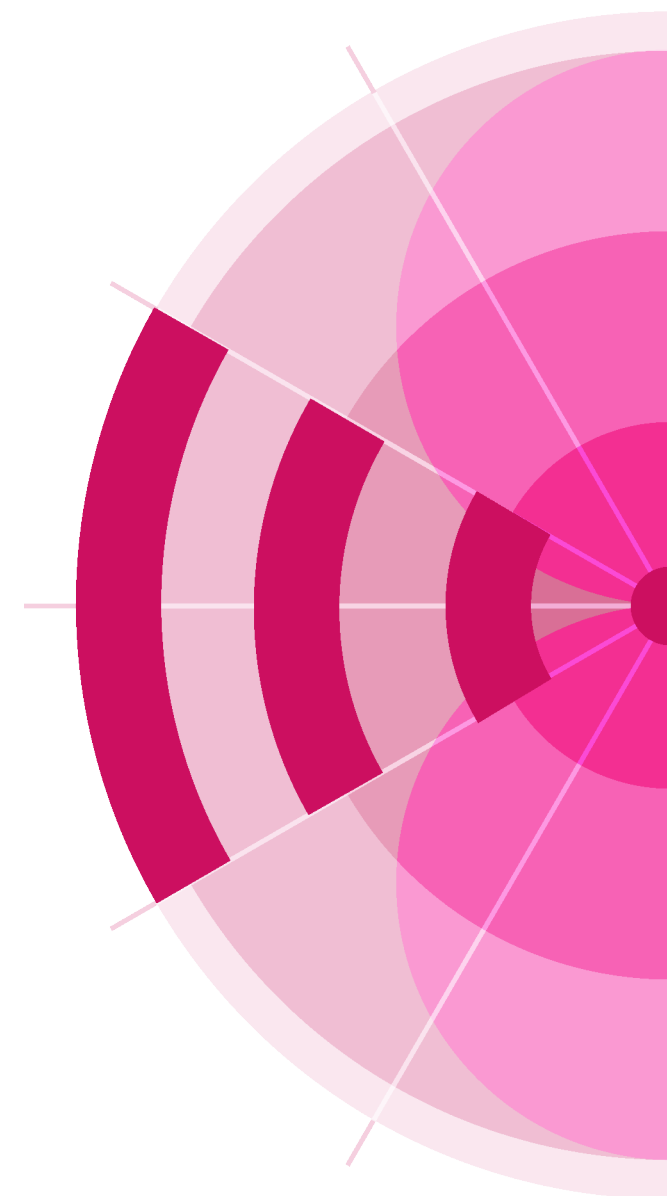


# ITU-BR BRSIS-SpaceQry

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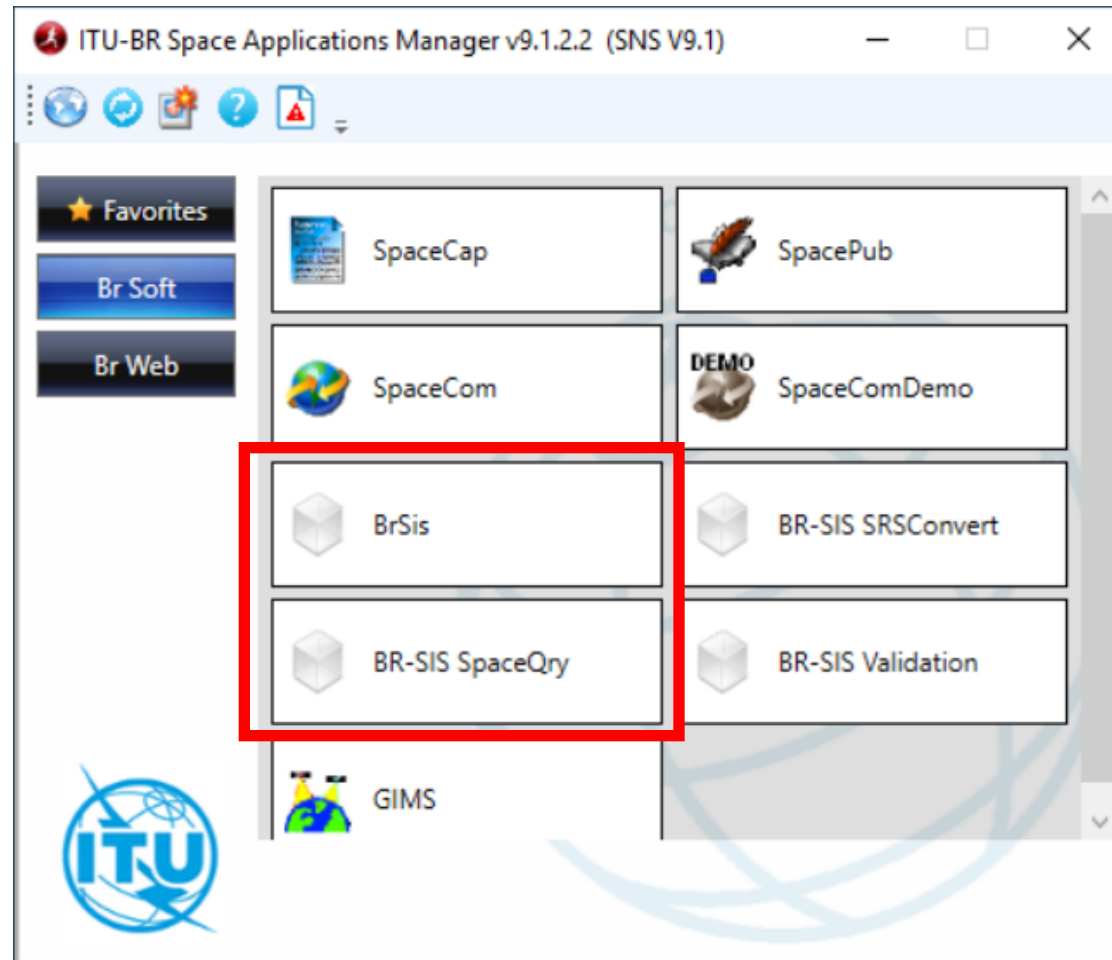
[www.itu.int/go/wrs-22](http://www.itu.int/go/wrs-22)

#ITUWRS





# SAM



# SpaceQry

**ITU Space Information System (SNS v9.1)**

**Selected task: SpaceQry**

SpaceQry

- Version: 9.1.0.0 ([what's new?](#))
- Description: Query SNS formatted databases
- Contact: [brsas@itu.int](mailto:brsas@itu.int)

**Selected database:**

Microsoft Access  BR IFIC DVD

Browse

**SRS convert**

**Validation**

**New Window**

Start

Quit

✔ Selected task

✘ Selected database

evangeli

# SpaceQry main screen

BRSIS - SpaceQry v9.1.0.0

The screenshot displays the SpaceQry application interface. At the top, there are navigation icons for home, settings, and help. Below these are buttons for 'Set search criteria', 'Favorites', 'Clear', and 'SQL'. A search bar with a magnifying glass icon and a 'Search' button is present. The main area is divided into a left sidebar for setting criteria and a right pane for displaying results. The sidebar includes sections for 'Type of notice' (with checkboxes for 'Non-Plan' and 'BSS/FSS Plan'), 'Administrative criteria' (with input fields for 'Notice Id.', 'Status', 'Admin.', 'Network Org.', 'BR IFIC no.', and 'Plan id.'), and 'Satellite criteria' (with checkboxes for 'Geostationary' and 'Non-Geostationary'). The results pane shows a table with 3,611 rows found in 'srs\_all.mdb'. The table columns are 'ntc\_id', 'ntc\_type', 'prov', 'act\_code', and 'adm'. The first row is highlighted, showing 'ntc\_id' as 79520001, 'ntc\_type' as G, 'prov' as 9.6, 'act\_code' as M, and 'adm' as INS.

ntc_id	ntc_type	prov	act_code	adm
79520001	G	9.6	M	INS
88964342	G	S9.6	M	J
90500004	G	RR1060		CHN
90500005	G	RR1060		CHN
90500006	G	RR1060		CHN
90500008	G	RR1060		CHN
90500009	G	9.6	M	CHN
90500010	G	RR1060		CHN
90500011	G	RR1060	M	CHN
90500022	G	9.6	M	AUS
90500023	G	9.6	M	AUS
90500025	G	RR1060		AUS
90500031	G	RR1060		AUS
90500034	G	RR1060	M	CHN
90500035	G	RR1060		CHN
90500036	G	RR1060		CHN
90500041	G	9.6	M	INS
90500048	G	RR1060		G

2  
Execute

1  
Set criteria

3  
Show results

# SpaceQry criteria tabs

- Standard
- BR IFIC DVD (only with BR IFIC mdb)
- Quick
- Builder
- Overlap
- Sql AdHoc

# Demo

# Thank you!

ITU – Radiocommunication Bureau

Questions to [brmail@itu.int](mailto:brmail@itu.int) or [brsas@itu.int](mailto:brsas@itu.int)



# Annex

Q: How to find out what is the 7 years regulatory deadline for assignments ?

A: Use the Quick Tab, select option Regulatory dates

BRIS - SpaceQry v9.0.0.2

The screenshot shows the BRIS - SpaceQry v9.0.0.2 interface. The 'Quick' tab is selected, and the search criteria are set to 'Regulatory dates'. The search results show two rows for the notice ID 121520193, both for the satellite QATARSAT-G5-99E. The 'd\_reg\_limit' column is circled in red, showing the value 16.11.2028. The interface also displays a search bar, a search button, and a 'Regulatory dates' section with a search bar and a refresh button. Below the search bar, the criteria associated with the selection are displayed: Notice Id. 121520193, Sat. name: QATARSAT-G5-99E, Type of notice: Coordination, Status: 50, Adm./Org.: QAT, Orb. pos.: 99E, and Station type: G.

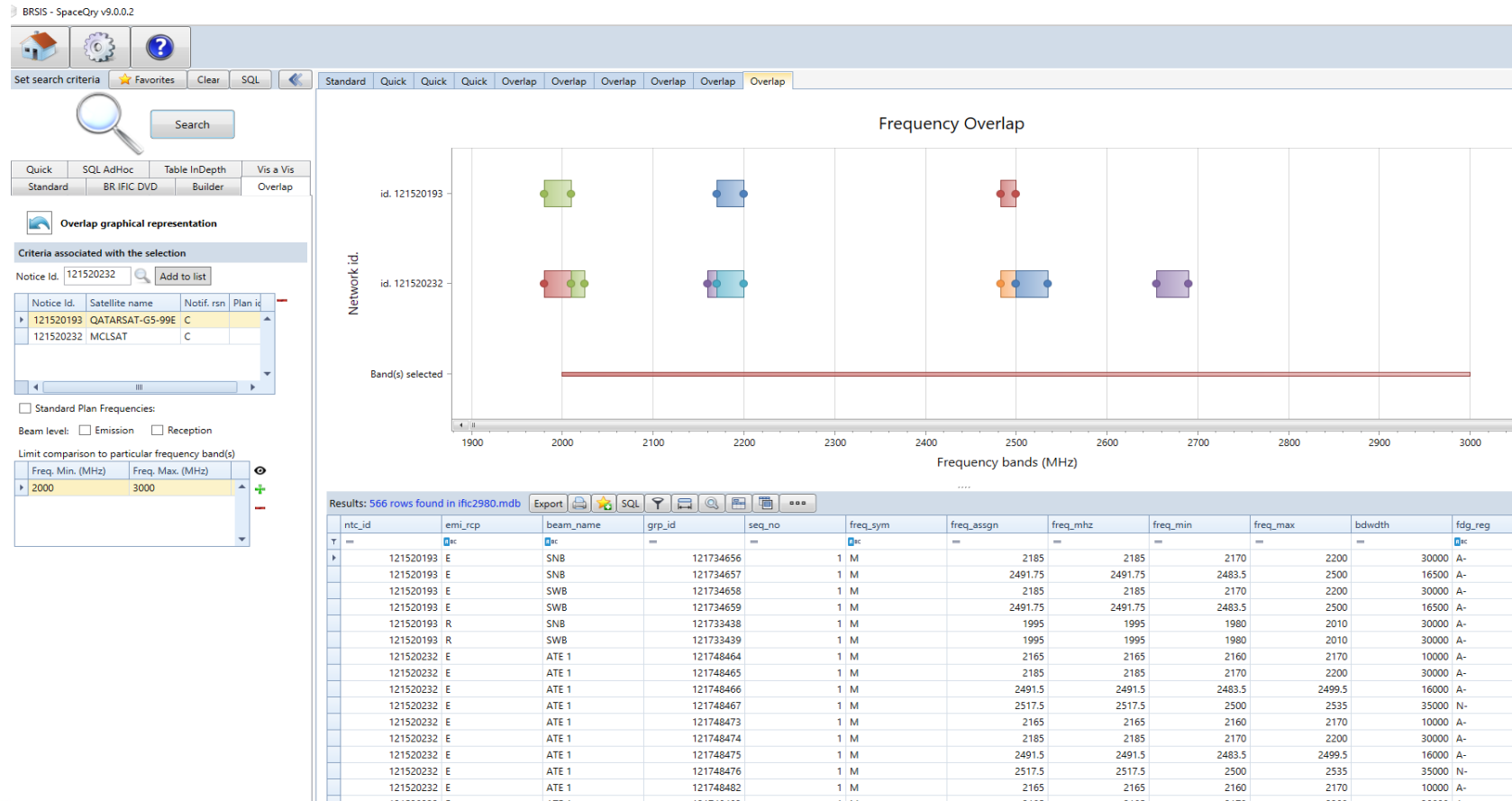
ntc_id	prov	adm	ntwk_org	sat_name	long_nom	d_rcv	wic_no	d_wic	d_prot_eff	d_rcv_start	d_reg_limit	d_inuse	f_biu	d_type	d_fdg_rev	fdg_prov	prd_valid
121520193	9.6	QAT		QATARSAT-G5-99E	99	16.11.2021	2980	20.09.2022	16.11.2021	16.11.2021	16.11.2028						99
121520193	9.6	QAT		QATARSAT-G5-99E	99	16.11.2021	2980	20.09.2022	16.11.2021	16.11.2021	16.11.2028				5.28		99

(done with IFIC2980)



Q: How to show summary of freq. bands of a network and compare it to another one ?

A: Use the Overlap Tab, select option Overlap graphical representation



Q: How to show list of Administrations and affected networks?

A: Use the Quick Tab, select option Coordination status

BRSIS - SpaceQry v9.0.0.2

Set search criteria Favorites Clear SQL

Quick Quick-Adm Quick-Ntwk

Results: 6,129 rows found in ific2980.mdb Export SQL

adm	ntwk_org	sat_name	long_nom	ntf_rsn	st_aff	aff_ntc_id	f_cause	f_rec
bc	bc	bc	=	bc	bc	=	bc	bc
coord_prov: 9.13								
coord_prov: 9.41								
coord_prov: 9.7								
coord_prov: 9.7-CI								
coord_prov: 9.7-CII								
coord_prov: A30#7.1								
coord_prov: A30A#7.1								
coord_prov: A30A#7.1-CII								

Standard BR IFIC DVD Builder Overlap  
Quick SQL AdHoc Table InDepth Vis a Vis

Coordination status

Criteria associated with the selection

Notice Id. 121520193

Sat. name: QATARSAT-G5-99E  
Type of notice: Coordination Status: 50  
Adm./Org.: QAT Orb. pos.: 99E Station type: G

Administrations affected  
 Networks affected

Q: How to show where my Adm. is identified in an IFICxxxx.mdb?

A: Use the BR IFIC DVD Tab, select option Networks interfering with my Adm.

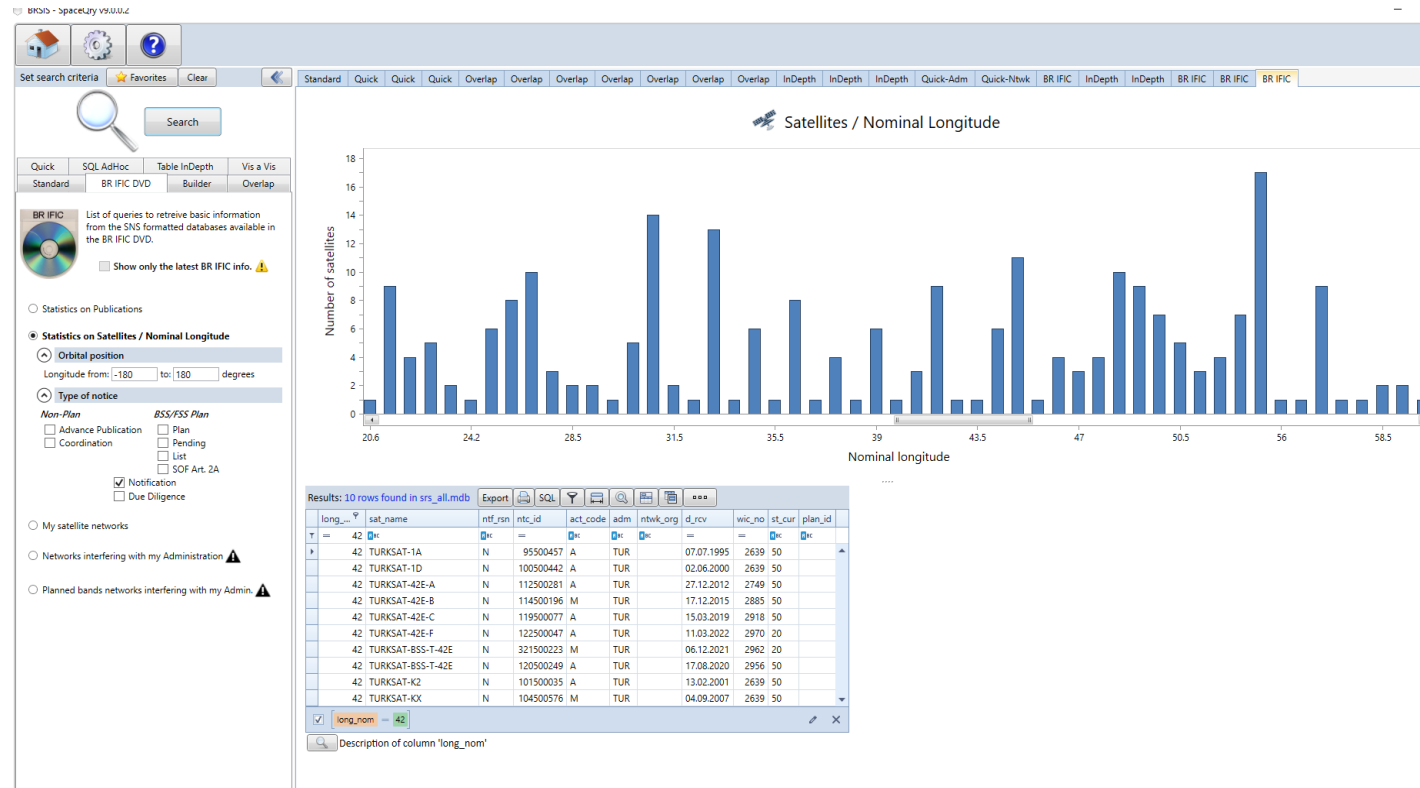
The screenshot shows the SpaceQry v9.0.0.2 application window. The title bar reads "BRSIS - SpaceQry v9.0.0.2". The interface includes a search bar with a magnifying glass icon and a "Search" button. Below the search bar, there are several tabs: "Quick", "SQL AdHoc", "Table InDepth", and "Vis a Vis". The "BR IFIC DVD" tab is selected, and it contains a sub-tab "Builder" and an "Overlap" button. A "BR IFIC" section with a CD icon and a warning icon is visible, with a checkbox for "Show only the latest BR IFIC info." and a list of radio button options: "Statistics on Publications", "Statistics on Satellites / Nominal Longitude", "My satellite networks", "Networks interfering with my Administration" (which is selected), and "Planned bands networks interfering with my Admin.". Below these options, there are dropdown menus for "Select your Adm." (set to "AUS") and "Org.". The main results pane shows a table with columns: ntc\_id, stn\_name, ntf\_rsn, ssn\_ref, coord\_prov, agree\_st, adm, and ntwk\_org. The results are filtered to show 80 rows found in ific2980.mdb. The list of satellite names includes: CHINASAT-G-12.4W, CHINASAT-G-72.6W, KOREASAT-113K, KOREASAT-128.2A, MADAR-160E-3, MADAR-174E-2, MADAR-33E, MADAR-33E-4, MADAR-43W-4, MADAR-44E-2, MADAR-78.5E-2, MCLSAT, MICRONSAT, NEW DAWN 25, N-SAT2-93E, N-SAT-Y15-124E, N-SAT-Y15-150E, N-SAT-Y17-98W, ODYSSEY-97W, ODYSSEY-99W, P92-2A, P92-6A, PROMETHEUS-2, QATARSAT-G5-25.5E, and QATARSAT-G5-99E.



SpaceQry looks only in the current database

Q: How to show neighboring satellites (+/- 3 deg.) ?

A: Use the BR IFIC DVD Tab, select option Statistics on sat./Nominal longitude



(done with SRS2980)