

ITUEvents

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www.itu.int/go/ITU-R/WRS-18



Frequency Overlap to Establish Coordination Requirements

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Forms of Coordination

No.9.6: Before BiU or Notify in cases below shall effect coordination (No.9.27/AP 5 -Table 5-1)

Cases	Provision
GSO to GSO	9.7, Art7 AP30/30A
Certain ES of GSO to NGSO	9.7A
NGSO to Certain ES of GSO	9.7B
BSS (GSO/NGSO) to Terrestrial Services	9.11, Res.539
NGSO to NGSO	9.11A/9.12
NGSO to GSO	9.11A/9.12A
GSO to NGSO	9.11A/9.13
NGSO/GSO to Terrestrial Services	9.11A/9.14
the requirement to seek the <u>agreement</u> of other administrations is included in a footnote to the Table of Allocation	9.21 A/B/C

Frequency Overlap with Space Services Exercises



BRS-SIS SpaceQry

The screenshot displays the Space Information System (SNS v8) interface. At the top left is the ITU logo, and to its right is the title "Space Information System (SNS v8)". The main area is divided into two sections: "Select a task:" and "Select a database:".

Select a task: This section contains two task cards. The first card, titled "SpaceQry", features a database icon and lists the following details:

- Version: 8.0.0.5 ([what's new?](#))
- Description: Query SNS formatted databases
- Contact: brsas@itu.int

The second card, titled "SRS convert", features a circular refresh icon.

Select a database: This section shows two database options with radio buttons: "Microsoft Access" (with a red 'A' icon) and "BR IFIC DVD" (with a DVD icon). Below these options is an empty text input field.

Right-hand sidebar: This sidebar contains a "New Window" button with a green plus icon, "Start" and "Quit" buttons, a "Selected task" section with a green checkmark and a dropdown menu currently showing "SpaceQry", a "Selected database" section with a red circle and slash icon and an empty dropdown menu, and a user profile section showing a blue person icon, the name "karina", and a gear icon for settings.

<https://www.itu.int/en/ITU-R/software/Pages/brsis.aspx>

BR-SIS – BR Space Information System

Following RAG recommendations, the BR Space Information System (BR-SIS) has been designed and developed by the BR.

All BR Soft applications will be rewritten in the BR Space Information System following the established architecture. The aim is to build one single user interface that will integrate in the future all BR Space services.

This system will provide a rich end-user experience, a common look and feel in all BR applications, a gain in term of training and productivity.





The first BR application to be integrated in the BR-SIS, is **SpaceQry**. Others BR applications will come little by little.

The second BR application to be integrated in the BR-SIS v8, is **SRSCovert**. It will provide you the facility to convert SNS v7 databases to v8.

Installation file

- The installation file below is a self-extracting setup file.
- To download and install BR-SIS software, click on the link and save the file to a temporary directory on your PC
- After downloading the file, you should then run the file (by double-clicking on it from Windows Explorer, etc.); this will decompress the installation files into a temporary directory on your hard disk, and then automatically execute the setup procedure

Note: The BR-SIS installation is also available on BR IFIC DVD.

Download	Description	Size	Date
 Install_BR-SIS_v8.exe	Installation file Version 8.0.1.5	145 MB	19 February 2018
 Install_BR-SIS.exe	Installation file Version 7.0.0.2	86.1 MB	26 May 2016
 What's new	What's new in BR-SIS	94.1 kB	19 February 2018
 Presentation WRS2014	Presentation WRS2014	1.16 MB	21 November 2014

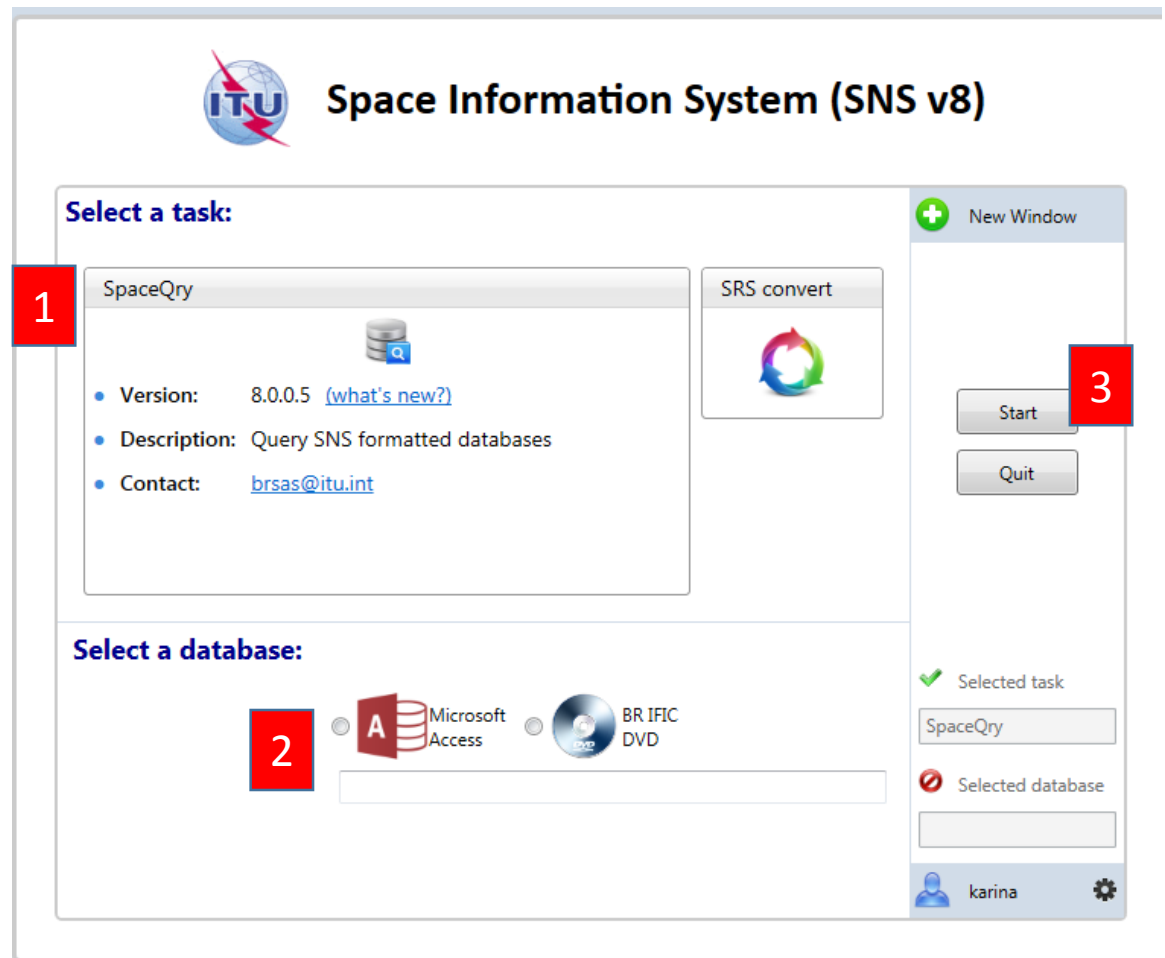
[License Agreement](#)

Setup SpaceQry

1. Select “SpaceQry”
2. Select a database

- Select Microsoft access
- Browse and Find the directory where
“srs_all.mdb” is located

3. Click Start



Note: in USB Key, the srs_all database is in this directory:
D:\BRIFIC-2884\Space\Databases_v8\SRS_Data, under the name
srs2884_part1of2.mdb

USB Key Material

BRIFIC2884_S

anim3d

BR_Soft

Databases

AP30_30A

AP30B

EPFD

GIMS_Data

IFIC_Archive

IFIC_Data

SpaceCom

SRS_Data

srs2884.zip

IFIC_Publications

image

index

Support_Documents

xml

srs2884_part1of2.mdb




srs2884_part2of2.mdb



Overlap Tab


Select Overlap query
To identify which networks
contain frequency which
overlap a given frequency band
or group of bands



ITU-BR Space Information System v8.0.1.6

Set search criteria  Favorites Clear SQL 




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

- Overlap graphical representation
- Overlap query to identify which networks contain frequencies which overlap a given frequency band or group of bands.
- [BSS Plan] Overlap query to identify which networks contain frequencies which overlap a given channel or group of channels.



Exercise 1



Set search criteria ★ Favorites Clear SQL ⏪

 Search



1

Notice Id.   **2**


Sat. name: MADAR-123W-2
Type of notice: Coordination Status: 50
Adm./Org.: UAE Orb. pos.: 123W Orb. type: G

Frequency criteria

Network frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)	
1518	1559	
▶ 1610	1660.5	
1668	1675	
1980	2010	

Included frequency bands


Freq. Min. (MHz)	Freq. Max. (MHz)	
▶ 1610	1626.5	

3

Include network freq. Yes **No** Logical AND

More criteria...
 Query results based on...




Input Data



1. Enter network ID (for this exercise 118520190)
2. Click refresh 
3. Select/Enter frequency band (for this exercise enter value 1610 – 1626.5 MHz)




Note:



- 1610 – 1626.5 MHz, Aeronautical Mobile Satellite (R) Service*
- *Coordination under No. 9.11A applies (No. 5.364 refers).*
 - *Coordination under No. 9.21 applies (No. 5.367 refers).*





Set search criteria  Favorites 


 3**Frequency criteria**

Network frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)	
1518	1559	
1610	1660.5	
1668	1675	
1980	2010	

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)	
1610	1626.5	
		

1Include network freq. Yes No Logical AND More criteria... 2

Notice level

Date of receipt = <= >=Orbital longitude delta (degrees) Geo. Non-Geo. Specific Typical

Beam level

 Emission Reception

Input Data

1. Include network freq, Select "No"
2. Enter Date of receipt (for this exercise: <= 22/07/2018)
3. Click Search

Select for Data Grid Setting



Set search criteria ★ Favorites Clear SQL ←



Search

Frequency criteria

Network frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)	
1518	1559	
1610	1660.5	
1668	1675	
1980	2010	

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)	
1610	1626.5	

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Overlap

Results: 186 rows found in srs_all.mdb

Export SQL

Type_of_notice	ntc_id	ntc_type	prov	adm
Coordination	105520076	G	9.6	ARS
Coordination	117520218	G	9.6	ARS
Coordination	117520216	G	9.6	ARS
Coordination	117520215	G	9.6	ARS
Coordination	117520217	G	9.6	ARS
Notification	104500283	G	11.2	AUS
Notification	108512011	G	11.2	AUS
Due diligence	98590535	G	RS49	AUS
Coordination	91980032	G	RR1060	AUS
Notification	302512001	G	RR1488	AUS
Notification	100500300	G	11.2	AUS
Notification	306512027	G	11.2	AUS
Due diligence	98590529	G	RS49	AUS
Coordination	95520151	G	RR1060	CHN
Notification	107500480	G	11.2	CHN
Notification	103500422	G	11.2	CHN
Notification	109500876	G	11.2	CHN
Due diligence	98590499	G	RS49	CHN
Coordination	95520152	G	RR1060	CHN
Notification	103500423	G	11.2	CHN
Notification	109500877	G	11.2	CHN
Notification	107500479	G	11.2	CHN

Description of column 'Type_of_notice'

Data Grid Settings

- 1. Select “Filter DropDown Lists”
- 2. Select Checked
- 3. Select “Save changes and close”

The screenshot shows the 'Data Grid Settings' window. On the left sidebar, the 'Filter DropDown Lists' option is selected, indicated by a red box with the number '1'. In the main content area, the 'Regular and Checked Filter Dropdown Lists' section is active, with the 'Checked' radio button selected, indicated by a red box with the number '2'. At the top right, the 'Save changes and close' button is highlighted with a red box and the number '3'. Below the settings, two preview tables are shown: 'Regular Filter Dropdown List' and 'Checked Filter Dropdown List'. The 'Regular Filter Dropdown List' shows a list of country codes (INS, J, ARS, ARG, CHN, ARM, ARS, AUS, CHN, AZE, CHN, B, CHN, BEL, CHN, BGD, B, BLR, B, BOL, B, RRII) with a search filter 'adm' and a dropdown menu. The 'Checked Filter Dropdown List' shows the same list of country codes with checkboxes next to each, and a '(Select All)' option at the top.

Filter as necessary

Only "Notification and Coordination"

Only "N"



Set search criteria Favorites Clear SQL



Search

Frequency criteria

Network frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)
1518	1559
1610	1660.5
1668	1675
1980	2010

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
1610	1626.5

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt 22/07/2018 = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Overlap Results: 26 rows found in srs_all.mdb Export SQL

Type_of_notice	ntc_id	ntc_type	prov	adm	ntwk_org	ctry
Coordination	112520031	N	9.6	CHN		
Notification	118500146	N	11.2	CHN		
Coordination	110520285	N	9.6	CHN		
Coordination	115520119	N	9.6	D		
Coordination	115520048	N	9.6	F		
Coordination	115520171	N	9.6	F		
Coordination	116520228	N	9.6	F		
Coordination	117520372	N	9.6	F		
Coordination	117520487	N	9.6	F		
Coordination	117520492	N	9.6	F		
Coordination	110520102	N	9.6	F		
Notification	115500121	N	11.2	F		
Notification	318500086	N	11.2	F		
Notification	116512040	N	11.2	F		
Coordination	116520407	N	9.6	HOL		
Coordination	116520069	N	9.6	LUX		
Notification	90504410	N	RR1488	RUS		
Notification	97500304	N	11.2	RUS		
Coordination	116520443	N	9.6	SLM		
Coordination	92520145	N	9.6	USA		
Notification	318512001	N	11.2	USA		
Notification	95500672	N	11.2	USA		

[Type_of_notice] In ('Coordination', 'Notification') And [ntc_type] In ('N')

Description of column 'Type_of_notice'

List of Administrations under 9.13 and 9.21/B: CHN, D, F, HOL, LUX, RUS, SLM, USA

ITU-BR Space Information System v8.0.1.6

Set search criteria ★ Favorites Clear SQL ←

Overlap

Results: 26 rows found in srs_all.mdb Export Print ★ SQL Filter Refresh Search Print ...

Type_of_notice	ntc_id	ntc_type	prov	adm	ntwk_org	ctry
Coordination	112520031	N	9.6	CHN		
Notification	118500146	N	11.2	CHN		
Coordination	110520285	N	9.6	CHN		
Coordination	115520119	N	9.6	D		
Coordination	115520048	N	9.6	F		
Coordination	115520171	N	9.6	F		
Coordination	116520228	N	9.6	F		
Coordination	117520372	N	9.6	F		
Coordination	117520487	N	9.6	F		
Coordination	117520492	N	9.6	F		
Coordination	110520102	N	9.6	F		
Notification	115500121	N	11.2	F		
Notification	318500086	N	11.2	F		
Notification	116512040	N	11.2	F		
Coordination	116520407	N	9.6	HOL		
Coordination	116520069	N	9.6	LUX		
Notification	90504410	N	RR1488	RUS		
Notification	97500304	N	11.2	RUS		
Coordination	116520443	N	9.6	SLM		
Coordination	92520145	N	9.6	USA		
Notification	318512001	N	11.2	USA		
Notification	95500672	N	11.2	USA		

Frequency criteria

Network frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)
1518	1559
1610	1660.5
1668	1675
1980	2010

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
1610	1626.5

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

[Type_of_notice] In ('Coordination', 'Notification') And [ntc_type] In ('N')

Description of column 'Type_of_notice'

List of Satellite Networks

BR Space Information System v8.0.1.6

Search criteria



Frequency criteria

Work frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)
518	1559
510	1660.5
568	1675
980	2010

Added frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
510	1626.5

Use network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Transmission level

Emission Reception

Results: 26 rows found in srs_all.mdb

	adm	ntwk_org	ctry	d_rcv	wic_no	ntf_rsn	sat_name
▶	CHN			18.02.2012		2741 C	COMPASS-IGSO
	CHN			06.07.2018		2879 N	COMPASS-IGSO
	CHN			06.02.2016		2841 C	COMPASS-MEO
	D			10.02.2016		2842 C	COURIER-3
	F			25.02.2015		2832 C	AST-NG-C-1
	F			18.09.2015		2827 C	AST-NG-C-2
	F			20.06.2016		2852 C	AST-NG-C-3
	F			05.10.2017		2882 C	AST-NG-C-4
	F			21.12.2017		2873 C	EB-SAT-LEO-1
	F			21.12.2017		2873 C	EB-SAT-LEO-1B
	F			08.03.2010		2694 C	HIBLEO-X
	F			18.08.2015		2818 N	HIBLEO-X
	F			24.04.2018		2872 N	HIBLEO-X
	F			22.11.2016		2855 N	HIBLEO-X
	HOL			29.12.2016		2864 C	HOL-MG-A006
	LUX			29.02.2016		2842 C	CLEOSAT
	RUS			04.11.1982		N	GLONASS
	RUS			30.03.2017		2873 N	GLONASS-M
	SLM			30.12.2016		2864 C	SI-SAT-KURUKURU
	USA			05.12.2012		2755 C	HIBLEO-2
	USA			05.06.2018		2876 N	HIBLEO-2
	USA			22.12.2006		2823 N	HIBLEO-2

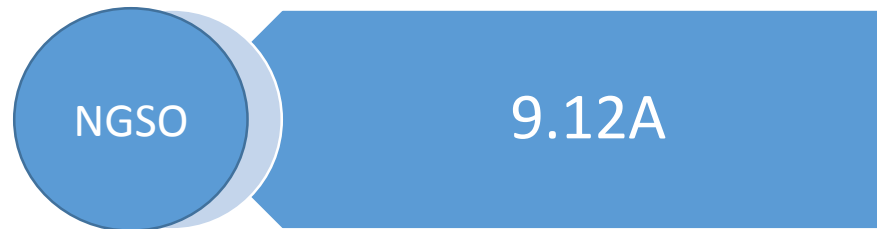
[Type_of_notice] In ('Coordination', 'Notification') And [ntc_type] In ('N') -




Description of column 'Type_of_notice'

Exercise 2




Exercise 2-1









Set search criteria ★ Favorites Clear SQL ⏪



frequency band or group of bands.



Criteria associated with the selection

Notice Id.  


Sat. name: METHERA-A
Type of notice: Coordination *Status: 20*
Adm./Org.: G *Orb. pos.:* *Orb. type: N*

Frequency criteria

Network frequency bands (non-overlapping)


Freq. Min. (MHz)	Freq. Max. (MHz)	
▶ 17300	18600	
18790	20200	
27000	30000	

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)	
▶ 18800	19700	

Include network freq. Yes No Logical AND

Input Data

1. Enter network ID (for this exercise 118520204)
2. Click refresh 
3. Select/Enter frequency band (for this exercise enter value 18800 – 19700 MHz)



Note:

- *Coordination under No. 9.11A applies (No. 5.323A and/or 5.523D refer)*



Set search criteria



Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)	
18800	19700	

Include network freq. Yes No Logical AND

Notice level

Date of receipt = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Group level

Findings: Favorable Unfav. Unspecified

Publication: BR IFIC No

Date of effective protection

Date = <= >=

Group results based on

Input Data

1. Include network freq, Select "No"
2. Enter Date of receipt (for this exercise: 01/08/2018)
3. Click Search

List of Administrations under 9.12A:

**ALG, ARG, ARM, ARS, ARS/ARB, AUS, AZE, B,
 BLR, BOL, BUL, CAN, CBG, CHN, CLM, CYP,
 CZE, D, E, EGY, ETH, F, F/EUT, GRC, HOL, I, IND,
 INS, IRN, IRQ, ISR, J, JOR, KAZ, KOR, LAO, LUX,
 MCO, MEX, MLA, MLD, NCG, NIG, NOR,
 OMA, PAK, PNG, QAT, RUS, RUS/IK, S, SUI,
 THA, TUR, UAE, UKR, USA, VTN**

ITU-BR Space Information System v8.0.1.8

Set search criteria Favorites Clear SQL

Search

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
18800	19700

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt 01/08/2018 = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Group level

Findings: Favorable Unfav. Unspecified

Publication: BR IFIC No

Date of effective protection

Date

Query results based on

Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

Results: 1,550 rows found in srs_all.mdb

Type of notice	Coordination	Frequency (MHz)	Bandwidth (MHz)	Country	Int'l. code	Country	Date of receipt
Coordination	113520121	G	9.6	ALG			29.05.2013
Notification	113520088	G	11.2	ARS			17.05.2018
Coordination	114520218	G	9.6	ALG			18.02.2015
Coordination	113520066	G	9.6	ARG			27.03.2013
Coordination	115520100	G	9.6	ARG			27.05.2015
Coordination	115520102	G	9.6	ARG			27.05.2015
Coordination	115520003	G	9.6	ARG			27.05.2015
Coordination	117520222	G	9.6	ARG			30.06.2017
Coordination	113520013	G	9.6	ARM			18.04.2013
Coordination	117520084	G	9.6	ARS			22.01.2017
Coordination	117520085	G	9.6	ARS			22.01.2017
Coordination	105520072	G	9.6	ARS	ARB		10.01.2012
Notification	110500040	G	11.2	ARS	ARB		10.01.2012
Coordination	105520073	G	9.6	ARS	ARB		16.06.2012
Notification	111500061	G	11.2	ARS	ARB		16.06.2012
Notification	111512003	G	11.2	ARS	ARB		03.05.2011
Coordination	105520074	G	9.6	ARS	ARB		17.05.2012
Notification	111500210	G	11.2	ARS	ARB		04.01.2016
Notification	111500012	G	11.2	ARS	ARB		29.01.2011
Coordination	105520076	G	9.6	ARS	ARB		11.10.2006
Notification	111500139	G	11.2	ARS	ARB		17.05.2012
Coordination	109520112	G	9.6	ARS	ARB		24.11.2015

[Type_of_notice] In ('Coordination', 'Notification') And [ntc_type] In ('G')

Description of column 'Type_of_notice'

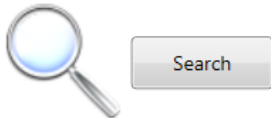
Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

EN 18:43 19/11/2018

List of Satellite Networks

ITU-BR Space Information System v8.0.1.8

Set search criteria



Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
18800	19700

Include network freq. Yes No Logical AND

More criteria...

Notice level
Date of receipt: 01/08/2018 = <= >=

Orbital longitude delta (degrees)
 Geo. Non-Geo. Specific Typical

Beam level
 Emission Reception

Group level
Findings: Favorable Unfav. Unspecified

Publication: BR IFIC No

Date of effective protection
Date = <= >=

Query results based on
Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

Results: 1,550 rows found in srs_all.mdb

d_rcv	wic_no	ntf_rsn	sat_name	long_nom	st_cur	plan_id	f_aa_type
29.05.2013		2766 C	ALCOMSAT-24.8W	-24.8	50		
17.05.2018		2873 N	ALCOMSAT-24.8W	-24.8	20		
18.02.2015		2812 C	ALCOMSAT-27.6W	-27.6	50		
27.03.2013		2762 C	ARSAT-D	-81	50		
27.05.2015		2818 C	ARSAT-F	-91.5	50		
27.05.2015		2818 C	ARSAT-G	-72	50		
27.05.2015		2818 C	ARSAT-H	-38.5	50		
30.06.2017		2877 C	ARSAT-M	-81	50		
18.04.2013		2762 C	ARMSAT1	71.4	50		
22.01.2017		2869 C	S2	37	50		
22.01.2017		2869 C	S2-N	41	50		
21.09.2017		2881 C	AUS-NBN-135E	135	50		
21.09.2017		2881 C	AUS-NBN-142.5E	142.5	50		
21.09.2017		2881 C	AUS-NBN-148E	148	50		
18.05.2011		2861 C	AUS-NBN-3	140	52		
29.09.2015		2822 N	AUS-NBN-3	140	19		
10.02.2017		2858 N	AUS-NBN-3	140	50		
18.05.2011		2720 C	AUS-NBN-4	145	50		
20.02.2017		2865 N	AUS-NBN-4	145	19		
17.09.2015		2825 C	AUSSAT F 156E	156	50		
17.09.2015		2825 C	AUSSAT F 160E	160	50		
24.06.2003		2788 C	DEF-R-SAT-4B 121....	121	52		

[Type_of_notice] In ('Coordination', 'Notification') And [ntc_type] In ('G')
Description of column 'Type_of_notice'

Exercise 2-2



9.7A

specific large earth station
with respect to any existing
non-GSO satellite systems

9.7B

FSS non-GSO satellite
systems with respect to
specific large earth station

Resolution 85 (WRC-03)

Frequency Overlap

CR / 414 (Dec 2016)

EPFD

The screenshot shows the ITU-BR Space Information System v8.0.1.8 interface. The search criteria are set to Notice Id. 118520204. The satellite name is METHERA-A, and the type of notice is Coordination. The status is 20. The frequency criteria are set to Network frequency bands (non-overlapping) with the following bands:

Freq. Min. (MHz)	Freq. Max. (MHz)
17300	18600
18790	20200
27000	30000




The included frequency bands are:




Freq. Min. (MHz)	Freq. Max. (MHz)
17800	18600


The interface also shows options for including network frequency (Yes, No, Logical AND) and a date of receipt (01/08/2018).

Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

Input Data

1. Enter network ID (for this exercise 118520204) 
2. Click refresh 
3. Select/Enter frequency band (for this exercise enter value 17800 – 18600 MHz) 



Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
17800	18600

Yes
 No
 Logical AND

Notice level
 Date of receipt:
 =
 <=
 >=

Orbital longitude delta (degrees)

Geo.
 Non-Geo.
 Specific
 Typical

Beam level
 Emission
 Reception

Group level
Findings:
 Favorable
 Unfav.
 Unspecified

Publication: BR IFIC No

Date of effective protection
 Date
 =
 <=
 >=

More Criteria

1. Enter Date of receipt
(for this exercise: <= 01/08/2018)
2. Click Specific

Filter as necessary

Only "S"

Only "9.7A"

ITU-BR Space Information System v8.0.1.8

Set search criteria Favorites Clear SQL

Search

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
17800	18600

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt 01/08/2018 = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Group level

Findings: Favorable Unfav. Unspecified

Publication: BR IFIC No

Date of effective protection

Date = <= >=

Overlap

Results: 15 rows found in srs_all.mdb

Export Print SQL Filter

Type_of_notice	ntc_id	ntc_type	prov	adm	ntwk_org	ctry	d_rcv
Coordination	107520322	S	9.7A	AUS		AUS	16.11
Coordination	116520461	S	9.7A	AUS		AUS	08.02
Coordination	116520462	S	9.7A	AUS		AUS	08.02
Coordination	108520079	S	9.7A	USA		USA	08.04
Coordination	108520084	S	9.7A	USA		USA	08.04
Coordination	108520085	S	9.7A	USA		USA	08.04
Coordination	108520086	S	9.7A	USA		USA	08.04
Coordination	108520087	S	9.7A	USA		USA	08.04
Coordination	108520082	S	9.7A	USA		USA	08.04
Coordination	108520080	S	9.7A	USA		USA	08.04
Coordination	108520088	S	9.7A	USA		USA	08.04
Coordination	108520083	S	9.7A	USA		USA	08.04
Coordination	108520081	S	9.7A	USA		USA	08.04
Coordination	108520089	S	9.7A	USA		USA	08.04
Coordination	108520090	S	9.7A	USA		USA	04.04

[ntc_type] In ('S') And [prov] In ('9.7A')

Description of column 'Type_of_notice'

Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

List of Administrations

List of Large Earth Stations

Information System v8.0.1.8

Search

Frequency bands

Hz	Freq. Max. (MHz)
18600	

freq. Yes No Logical AND

01/08/2018 = <= >=

side delta (degrees)

on-Geo. Specific Typical

Reception

Favorable Unfav. Unspecified

BR IFIC No

ive protection

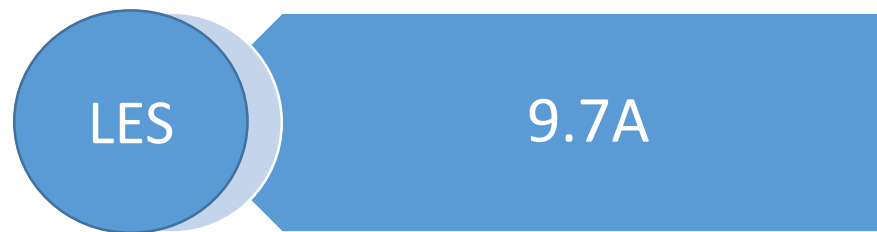
[ntc_type] In ('S') And [prov] In ('9.7A')

Description of column 'Type_of_notice'

Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

prov	adm	ntwk_org	ctry	d_rcv	wic_no	ntf_rsn	sat_name
9.7A	AUS		AUS	16.11.2007		2624 D	DEF-R-SAT-4B 121
9.7A	AUS		AUS	08.02.2016		2841 D	DEF-R-SAT-5B
9.7A	AUS		AUS	08.02.2016		2841 D	DEF-R-SAT-6B
9.7A	USA		USA	08.04.2008		2624 D	USCSID-A1
9.7A	USA		USA	08.04.2008		2624 D	USCSID-E1
9.7A	USA		USA	08.04.2008		2624 D	USCSID-E2
9.7A	USA		USA	08.04.2008		2624 D	USCSID-E3
9.7A	USA		USA	08.04.2008		2624 D	USCSID-E4
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W1
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W1
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W1
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W1
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W2
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W2
9.7A	USA		USA	08.04.2008		2624 D	USCSID-W2
9.7A	USA		USA	04.04.2008		2624 D	USDKH2

Exercise 3



ITU-BR Space Information System v8.0.0.0

Set search criteria Favorites Clear SQL

Search

Notice Id. 108520079

Sat. name: USCSID-A1 Str. name: NHTS-A1
Type of notice: Coordination Status: 50
Adm./Org. USA Orb. pos.: 0E Orb. type: S

Frequency criteria

Network frequency bands (non-overlapping)

Freq. Min. (MHz)	Freq. Max. (MHz)
18000	21200

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
------------------	------------------

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt

Task: SpaceQry Database: C:\BR_SOFTWARE\SRS_ALL_V8\srs_all.mdb

Input Data

1. Enter network ID (for this exercise 108520079)
2. Click refresh
3. Select/Enter frequency band (for this exercise enter value 19700 - 20200 MHz)

Select/Enter frequency band

Use Predefined values (MHz)
 Enter values (MHz)

Freq. Min.: 19700
Freq. Max.: 20200

OK Cancel

EN 20:42 04/12/2016

Set search criteria Favorites Clear SQL

Search

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
19700	20200

Include network freq. Yes No Logical AND

More criteria...

Notice level

receipt 07/12/2018 = <= >=

Longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Group level

Findings: Favorable Unfav. Unspecified

Publication: BR IFIC No

Date of effective protection

Date = <= >=

More Criteria

1. Enter Date of receipt
(for this exercise: <= 07/12/2018)
2. Click Non-Geo

Filter as necessary

Only "N"

"11.2" and "9.6"

The screenshot shows the ITU-BR Space Information System v8.0.1.8 interface. On the left, there is a search criteria panel with various filters. The main window displays a table of search results with columns: Type_of_notice, ntc_id, ntc_type, prov, adm, ntwk_org, ctry, and d_rcv. A filter is applied at the bottom of the table: "[ntc_type] In ('N') And [prov] In ('11.2', '9.6')".

Search Criteria Panel:

- Set search criteria: Favorites, Clear, SQL
- Search: Search
- Included frequency bands: Freq. Min. (MHz) 19700, Freq. Max. (MHz) 20200
- Include network freq.: Yes, **No**, Logical AND
- More criteria...
 - Notice level: 07/12/2018, =, **<=**, >=
 - Orbital longitude delta (degrees):
 - Geo. Non-Geo. Specific Typical
 - Beam level: Emission Reception
 - Group level: Findings: Favorable Unfav. Unspecified; Publication: BR IFIC No
 - Date of effective protection: Date, =, <=, >=

Table Results:

Type_of_notice	ntc_id	ntc_type	prov	adm	ntwk_org	ctry	d_rcv
Notification	104500427	N	11.2	AUS			07.09.2004
Notification	307512009	N	11.2	AUS			23.02.2007
Notification	111500036	N	11.2	CAN			15.03.2011
Notification	118500089	N	11.2	CAN			27.04.2018
Coordination	115520231	N	9.6	CAN			27.11.2015
Coordination	317520239	N	9.6	CAN			29.06.2017
Coordination	112520149	N	9.6	CAN			01.06.2017
Coordination	113520282	N	9.6	CAN			26.06.2017
Coordination	317520525	N	9.6	CAN			09.02.2017
Coordination	117520106	N	9.6	CAN			09.02.2017
Coordination	116520421	N	9.6	CAN			29.12.2016
Coordination	108520069	N	9.6	CAN			13.03.2008
Coordination	112520490	N	9.6	CAN			23.04.2018
Coordination	116520415	N	9.6	CAN			28.12.2016
Coordination	117520339	N	9.6	CHN			17.07.2018
Coordination	317520529	N	9.6	CHN			29.09.2017
Coordination	117520340	N	9.6	CHN			17.07.2018
Coordination	317520530	N	9.6	CHN			29.09.2017
Coordination	118520057	N	9.6	CHN			12.02.2018
Coordination	117520316	N	9.6	CHN			25.08.2017
Coordination	118520180	N	9.6	CHN			18.07.2018
Coordination	117520495	N	9.6	CHN			28.12.2017

Filter: [ntc_type] In ('N') And [prov] In ('11.2', '9.6')

Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

RESULTS

ITU-BR Space Information System v8.0.1.8

List of Administrations

List of Satellite Networks

Set search criteria Favorites Clear SQL

Search

Included frequency bands

Freq. Min. (MHz)	Freq. Max. (MHz)
19700	20200

Include network freq. Yes No Logical AND

More criteria...

Notice level

Date of receipt 07/12/2018 = <= >=

Orbital longitude delta (degrees)

Geo. Non-Geo. Specific Typical

Beam level

Emission Reception

Group level

Findings: Favorable Unfav. Unspecified

Publication: BR IFIC No

Date of effective protection

Date = <= >=

Overlap

Results: 59 rows found in srs_all.mdb Detail of 104500427

adm	ntwk_org	ctry	d_rcv	wic_no	ntf_rsn	sat_name	long_r
AUS			07.09.2004		2580 N	FEDSAT-1_19	
AUS			23.02.2007		2609 N	FEDSAT-1_19	
CAN			15.03.2011		2770 N	CASCADE-CX	
CAN			27.04.2018		2879 N	COMMSTELLATION	
CAN			27.11.2015		2840 C	102	
CAN			29.06.2017		C	102	
CAN			01.06.2017		2863 C	CANPOL	
CAN			26.06.2017		2863 C	CANPOL-2	
CAN			09.02.2017		C	CANPOL-3	
CAN			09.02.2017		2870 C	CANPOL-3	
CAN			29.12.2016		2864 C	CANSAT-LEO	
CAN			13.03.2008		2843 C	CASCADE-CX	
CAN			23.04.2018		2879 C	COMMSTELLATION	
CAN			28.12.2016		2867 C	MAPLELEAF-1	
CHN			17.07.2018		2882 C	ACONNECT	
CHN			29.09.2017		2882 C	ACONNECT	
CHN			17.07.2018		2882 C	ACONNECT-T	
CHN			29.09.2017		2882 C	ACONNECT-T	
CHN			12.02.2018		2875 C	FORTTRAN	
CHN			25.08.2017		2881 C	FORTTRAN-2	
CHN			18.07.2018		2882 C	SIGNSAT-NGSO	
CHN			28.12.2017		2873 C	SPACEWAY	

[ntc_type] In ('N') And [prov] In ('11.2', '9.6')

Description of column 'ntc_id'

Task: SpaceQry Database: C:\BR_SOFT\SRS_DB\srs_all.mdb

Sunday, November 25, 2018

Windows taskbar with icons for Internet Explorer, File Explorer, Firefox, Lync, Outlook, and other applications. System tray shows EN, volume, and date/time: 20:20 25/11/2018.

what's next?

WRC-19
Agenda Item 7
Issue D

New Software
(GIBC/overlap)



Questions







UserManual_SpaceQry.pdf - Adobe Reader

File Edit View Window Help

Open [Icons] 1 / 22 76.3%

Tools Fill & Sign Comment

 RADIOCOMMUNICATION BUREAU	SpaceQry software package	Ref : SpaceQry-UM
		Version : v8
		Author : SAS
	Dept./Div. : IAP/SAS	Date : 2016-07-25

 **SpaceQry – User Manual**

Sign In

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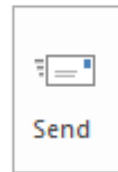
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To...

brsas@itu.int

Cc...

Subject

SpaceQuery question

