SPACE NETWORK SYSTEMS ONLINE

(SNS ONLINE)

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MAIN FEATURES

- Online access to the SNS database via the internet

- Yearly subscription service
  - Available as a free service for TIES registered users

- Predefined Queries
- Query Builder for custom queries
- Due diligence filing
- Graphics system

- Documentation – FAQ – Demo page

http://www.itu.int/sns/

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Space Network Systems Online

Welcome to Space Network Systems Online!

SNS Online gives access to the **Space Networks Systems Database** of the Radicommunication Bureau of the ITU. The database contains AP4 data of more than 10600 geostationary satellite filings, 1070 non-geostationary satellite filings and 7900 earth station filings.

SNS Online is a yearly subscription service. It is available as a free service for TIES registered users.

Note: SNS Online will only be available 48 hours after registering for TIES.
Try the demo pages and if you are not a TIES registered user subscribe to the service.

As a subscriber to the service you have access to the following features:

SNS Database	
Description (Pdf document:see Section III)	View the description of the SNS database (INGRES and MS/ACCESS) in a PDF document: Section III of the Preface
SNS Database Changes	View the description of structural changes to SNS database (INGRES and MS/ACCESS)
Query Systems	
General Query System (non-planned bands)	Navigate through SNS database using predefined queries to retrieve a list of satellites or earth stations. Select a specific satellite or earth station and view all the beams/antennas, frequencies, emissions, coordination information for the selection.
Space Plans Query System NEW	allows you to navigate through the SNS database (planned services)using predefined queries. Use the system in case you want to retrieve a list of satellites in the planned services and then "navigate" through a specific satellite. View all the beams, frequencies, emissions, coordination information of the selected station.
Suppressed Notices Query System	Display notices in the SNS database which have been suppressed. Use the query in case you want to retrieve a list of suppressed satellites or earth stations.
Advance Publication Query System	Retrieve advance publication data from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.
Resolution 49 Publication Query System	Retrieve Due Diligence publication data from the database. Based on your input parameters retrieve a list of satellites and get the summary information of your selection.

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General Query System (1/4)

NETWORKS/EARTH STATION INFORMATION

Enter data and select category and satellite/station type

Satellite/Earth Station Name: ssot

or enter Notice identifier:

Notifying Administration:

Network Organization:

Longitude (from): -180

Longitude (to) : 180

◉ Geo ○ Non-Geo ○ Earth Station NEW ○ Radio Astronomy

Notification reason: ○ Coordination ○ Coordination(Earth) ○ Notification ◉ All

Processing Status: ○ Recorded (MIFR) ◉ All

Satellite/Earth Station: ○ Geostationary ◉ Non-Geostationary ○ Earth Station NEW ○ Radio Astronomy

Submit Cancel

Contact BR | Help | News | FAQ | Home | Discussion Forum | Related Software | Space IFIC

Revised: 7 February 2011

International Telecommunication Union, 1996-2011

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General Query System (2/4)

Export buttons

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General Query System: list of geostationary satellite stations

?

Header

Export results to:

MS ACCESS | EXCEL 5.0 | ? | NEW

table/worksheet
Geolist

Navigation

Navigation

SATELLITE NAME	CATEGORY	ADM	NTWK ORG	LONGITUDE	DATE OF PROTECTION	STATUS	IFIC
NSS-32	N	HOL			See TSUM	20	2689
NSS-32	N	HOL			See TSUM	19	2658
NSS-32	C	HOL			See TSUM	50	2687
NSS-32	N	HOL			See TSUM	50	2658
NSS-32	U	HOL		1	See TSUM	50	2624
NSS-32	A	HOL		1	See TSUM	50	2441

TOTAL: 6

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General Query System (3/4)

Download

Create TSUM

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General Query System: geostationary space station

SUMMARY INFORMATION

Satellite name	Category	Sum	Ntwk	Org	Provn	Date last modified
NSS-32	N	HOL	-		11.2	29.01.2008

Download notice into MS/ACCESS 2000 GO ? TSUM

DETAILED INFORMATION

NOMINAL LONGITUDE	TOLERANCE EAST	TOLERANCE WEST	INCLINATION EXCURSION	ACTIVE STATION
1	0.1	0.1	0.1	-

PROVISIONS| AFF.NTW.| TR.PROVN.| PUBLICATION| TSUM| NWKSUM (E)| NWKSUM (R)| BEAMS| FREQS| EMISSIONS| EARTH STN| SPACE STN| STRAPS| NGMA| NEW QUERY

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General Query System (4/4)

Summary Information

Action	Status	Satellite name	Longitude	Category	Adm	Ntwk	Org	Provn	Date last modified
A	50	NSS-32	1.000	N	HOL	-		11.2	29.01.2008

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Link to Publications

Export result of query to:

MS/ACCESS EXCEL 5.0 ? NEW

ACCESS EXCEL

name of table/worksheet:

How to view diagrams on SNS Online? NEW

To view diagrams on SNS Online you should have

1. GIMS - Graphical Interference Management System installed on you computer.

(get your software with the database from SRS on CD-ROM 2006-1 or later edition.

N.B. you have to have the database in addition to the software to access the diagrams from SNS Online.)

2. Download then run GimsUpdate.exe ?

ACTION	BEAM NAME	EMISS/REC	MAX.ISO.GAIN	POINTING ACCURACY	RADIATION DIAGRAM	GAIN DIAGRAM	GAIN VS.ORBIT DIAGRAM	BEAM NAME(OLD)	ANT. TYPE
	K4R	E	41	0.15		1			

group id	action	adm	resp.	band	date bringing into use	noise temp.	op agcy	pol. type	pol. angle	area	diag	validity	class	stn	nat srv	fdg	reg	date prot	publication ref	publication no
108600680 more...		A		50000	17.11.2006	14		M		1	50	EC		CR		A-		29.01.2008	IFIC2	2658
																			IFIC1	2614
																			CR/C	928
																			API/A	1783
108600682 more...		A		50000	17.11.2006	14		M		1	50	EC		CR				29.01.2008	IFIC2	2658
																			IFIC1	2614
																			CR/C	928
																			API/A	1783
108600683 more...		A		50000	17.11.2006	14		M		1	50	EC		CR				29.01.2008	IFIC2	2658
																			IFIC1	2614

Advance Publication Query (1/3)

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Advance Publication Notices Query System
Non-planned bands

NETWORKS/EARTH STATION INFORMATION

Enter data and select category and satellite/station type

Satellite Name [ ] or enter Notice identifier [ ]

Notifying Administration: [ ]

Newtwork Organization: [ ]

Longitude (from): -180 to: 180

Frequency from [MHz] : [ ] to: [ ]

Date of receipt [from]: 7.12.1990 to: 7.12.2010

Satellite: Geostationary (•) Non-Geostationary ( )

Select Cancel

Advance Publication Query (2/3)

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List of geostationary satellite networks (advance publication)

SATELLITE NAME	CATEGORY	ADM	NTWK ORG	LONGITUDE	RECEIPT DATE	WIC/IFIC NBR	WIC/IFIC DATE	API
PACIFISAT C/KU-3	A	PNG		176.1	17.09.2010	2683	30.11.2010	6174
TOTAL:								1

Advance Publication Query (3/3)

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Summary Information

Action	Status	Satellite name	Longitude	Category	Adm	Ntwk	Org	Provn	Date last modified
M	50	PACIFISAT C/KU-3	176.100	A	PNG	-		9.1/IB	17.09.2010

Download notice into MS/ACCESS 2000 GO ? TSUM SNL-B

Regulatory deadline

DETAILED INFORMATION

DATE OF RECEIPT	FREQUENCY FROM [MHz]	FREQUENCY TO [MHz]	CLASS OF STATION	NATURE OF SERVICE	PLANNED DATE OF BRINGING INTO USE	SERVICE AREA	IFIC/WIC NBR	CR DUE DATE 9.5D	REGULATORY DEADLINE 11.44, 11.44.1
	2520.00000	2670.00000	ER	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	3400.00000	4200.00000	ER	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	5725.00000	5850.00000	EK	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	5850.00000	6725.00000	EK	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	7250.00000	7750.00000	ER	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	7900.00000	8400.00000	EK	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	10950.00000	11200.00000	ER	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	11450.00000	11700.00000	ER	OT	03.01.2017	-	2671	26.03.2012	26.03.2017
	11700.00000	12200.00000	ER	OT	03.01.2017	-	2683	17.09.2012	17.09.2017

Resolution 49 Query (1/7)

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RESOLUTION 49: ADMINISTRATIVE DUE DILIGENCE - SELECTION

Enter data, select category and satellite type or specify notice identifier

◉ Non-Planned Services ○ Planned Services

Satellite Name :

Notifying Administration :

Network Organization :

Longitude (from) : -180 (to) : 180

or

Notice identifier :

Note that by default the "End of Regulatory Period" date is used for the selection.
In case you wish to use "Date of Bringing into Use" window please check the radio button and indicate the values below

◉ End of Regulatory Period ○ Date of Bringing into use

End of Regulatory Period from: 10.05.1971 to: 10.05.2031

dd.mm.yyyy dd.mm.yyyy

Satellite:	◉ Geostationary:	○ Nongeostationary:	○ Both:
Notification reason:	○ Coordination	○ Notification	◉ C and N

Select Cancel

Resolution 49 Query (2/7)

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Resolution 49 submission

list of geostationary satellite stations in non-planned services
end of regulatory period between *7.12.1970* and *7.12.2030*

Select satellite from the list

To select one from the list click on the name of the satellite

SATELLITE NAME	CATEGORY	ADM	NTWK.	LONGITUDE	G DATE	BR IFIC/WIC	BR IFIC/WIC DATE	STATUS
CHINASAT-51.5E	N	CHN		51.5	03.11.2010	2683	30.11.2010	50
CHINASAT-51.5E	C	CHN		51.5	03.11.2010	2567	18.04.2006	50
TOTAL:								2

Resolution 49 Query (3/7)

In order to use SNS Online to submit Resolution 49 filings to BR you should have iwRocket installed on your computer. iwRocket is a download utility which allows you to download your selection to an MS/ACCESS container to be processed further using SpaceCap.

Summary Information

Action	Status	Satellite name	Longitude	Category	Adm	Ntwk	Org	Provn	Date last modified
A	50	CHINASAT-51.5E	51.500	N	CHN	-		11.2	27.01.2009

Download notice into MS/ACCESS 2000 GO ? TSUM SNL-B

2C DATE (DBIU)	2D DATE (PROTECTION)	FREQ. BAND (MHz)	BR IFIC	BR IFIC DATE	RES49 DATE OF RECEIPT	CREATE RES49 DATA FOR NOTICE: 109500021
06.09.2010	21.12.2005	3400.00000 - 4200.00000	2683	30.11.2010	band not covered	CreateFiling ?
06.09.2010	21.12.2005	5850.00000 - 6725.00000	2683	30.11.2010	band not covered	
06.09.2010	21.12.2005	10950.00000 - 11200.00000	2683	30.11.2010	band not covered	
06.09.2010	21.12.2005	11450.00000 - 11700.00000	2683	30.11.2010	band not covered	
06.09.2010	21.12.2005	12200.00000 - 12750.00000	2683	30.11.2010	band not covered	
06.09.2010	21.12.2005	13750.00000 - 14500.00000	2683	30.11.2010	band not covered	

Create filing

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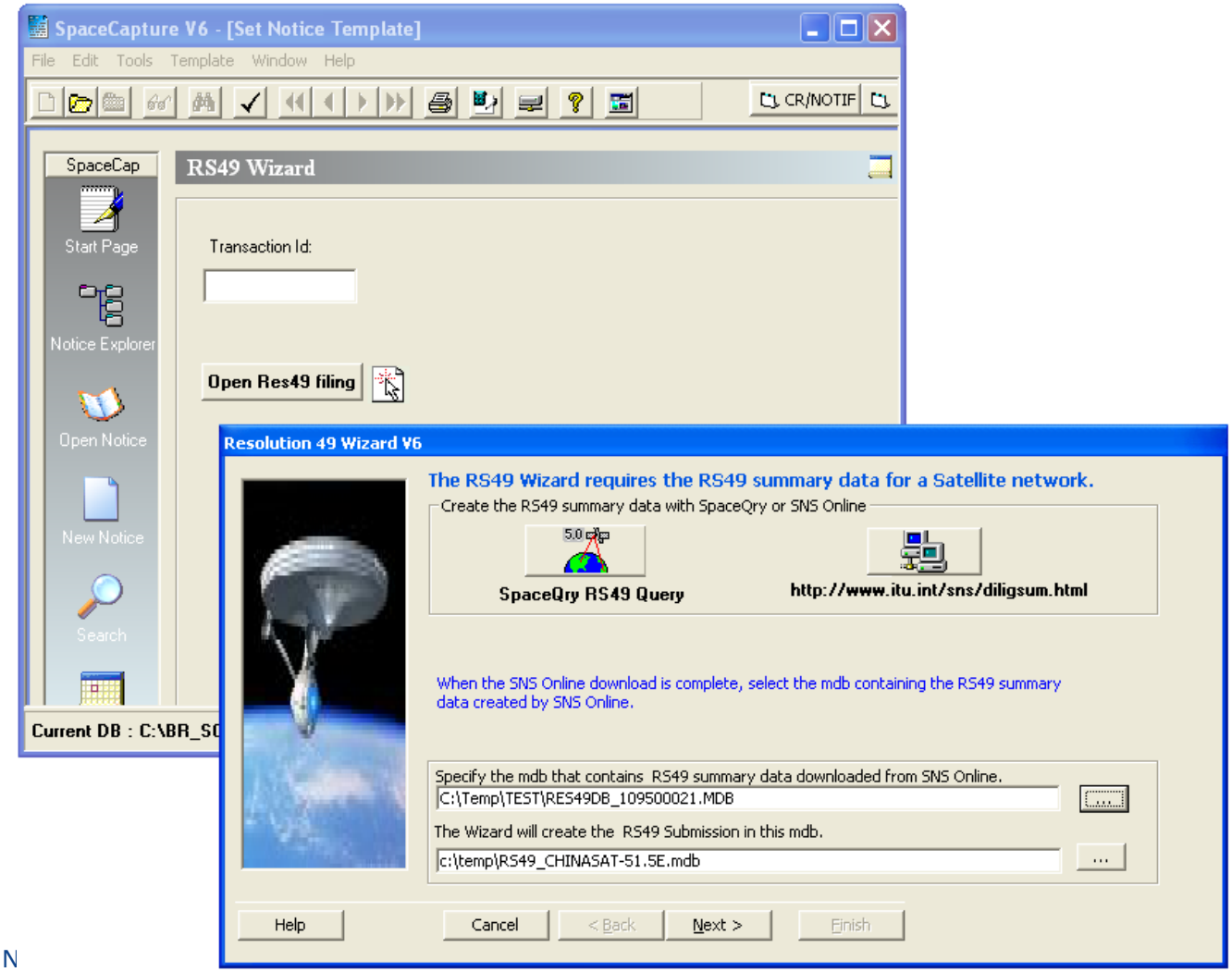
Resolution 49 Query (4/7)

Creation of the RES49 filing with SpaceCap



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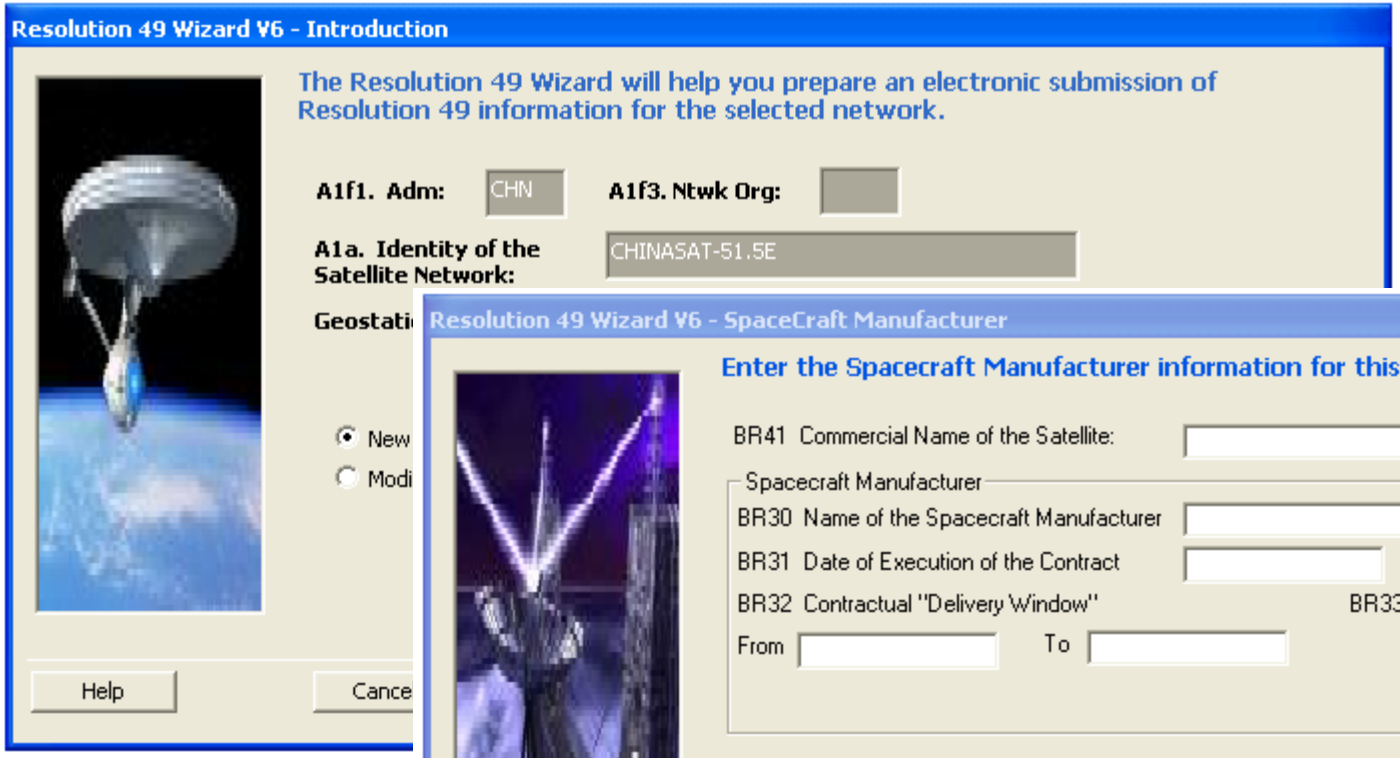
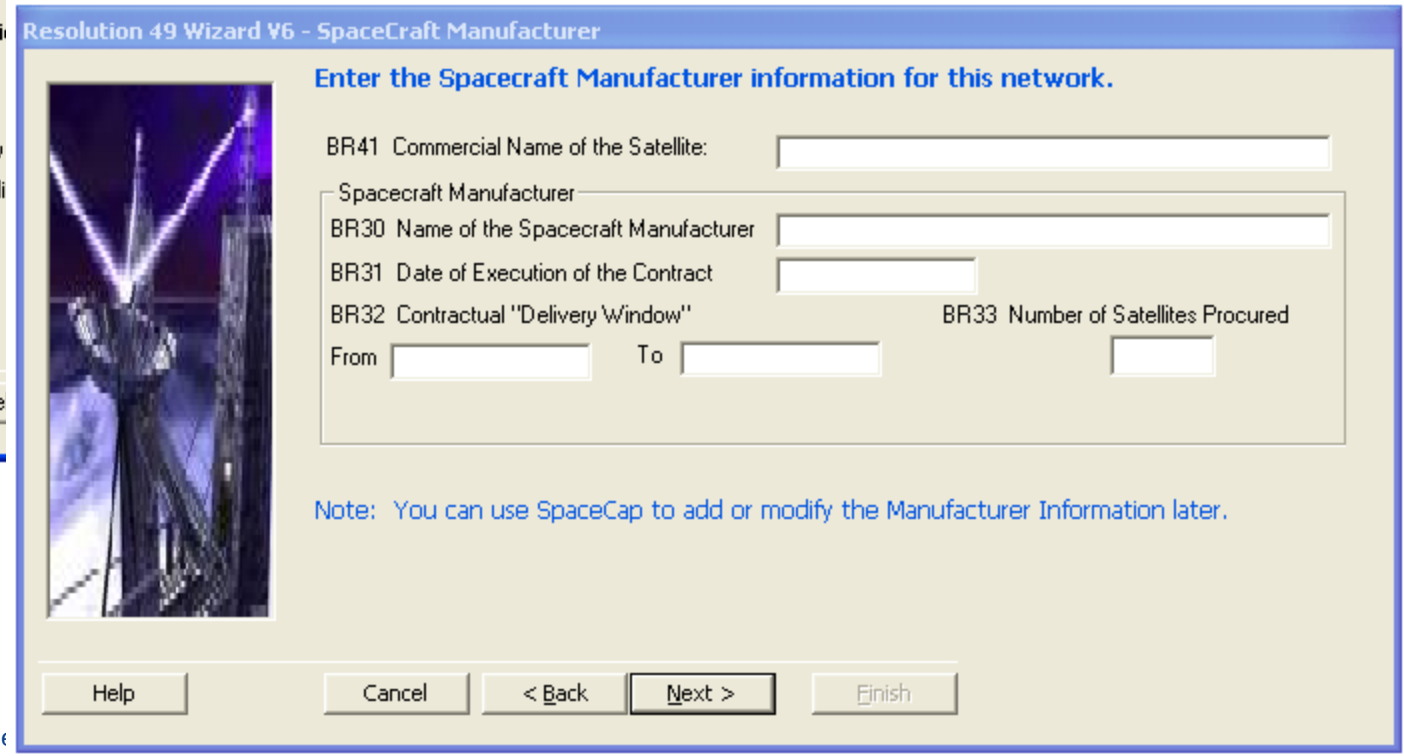
Resolution 49 Query (5/7)

Creation of the RES49 filing with SpaceCap





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Resolution 49 Query (6/7)

Creation of the RES49 filing with SpaceCap

Resolution 49 Wizard V6 - Frequency Ranges Subject to Resolution 49

Frequency Range - RS49 not Submitted	Date Inuse	Date Protection
03400.00000 to 03440.00000	06.09.2010	21.12.2005
03400.00000 to 03480.00000		
03440.00000 to 03480.00000		
03480.00000 to 03520.00000		
03520.00000 to 03560.00000		
03560.00000 to 03600.00000		
03600.00000 to 03640.00000		
03620.00000 to 03700.00000		
03640.00000 to 03680.00000		
03680.00000 to 03720.00000		
03700.00000 to 03780.00000		
03720.00000 to 03760.00000		
03760.00000 to 03800.00000		
03800.00000 to 03840.00000		
03840.00000 to 03880.00000		
03880.00000 to 03920.00000		
03920.00000 to 03960.00000		

Select all Frequency Ranges for which you wish to submit Administrative Due Diligence (Resolution 49).

Note: In case of frequency bands used by a Space Operation Service. If the Space Operation uses its own frequency allocation, Due Diligence is not required.

Warning! The frequency ranges subject to Res49 which are not submitted for Res49 will be deleted from the corresponding notice when the Date of Bringing into Use has passed.

Clear Selection | Select All

Help | Cancel | < Back | Next > | Finish

Resolution 49 Wizard V6 - Finished!

Press Finish to generate your Resolution 49 Submission.

The RS49 Submission will be created in c:\temp\RS49_CHINASAT-51.5E.mdb

Note: you can view and modify the generated Resolution 49 Submission with SpaceCap.

Help | Cancel | < Back | Next > | Finish

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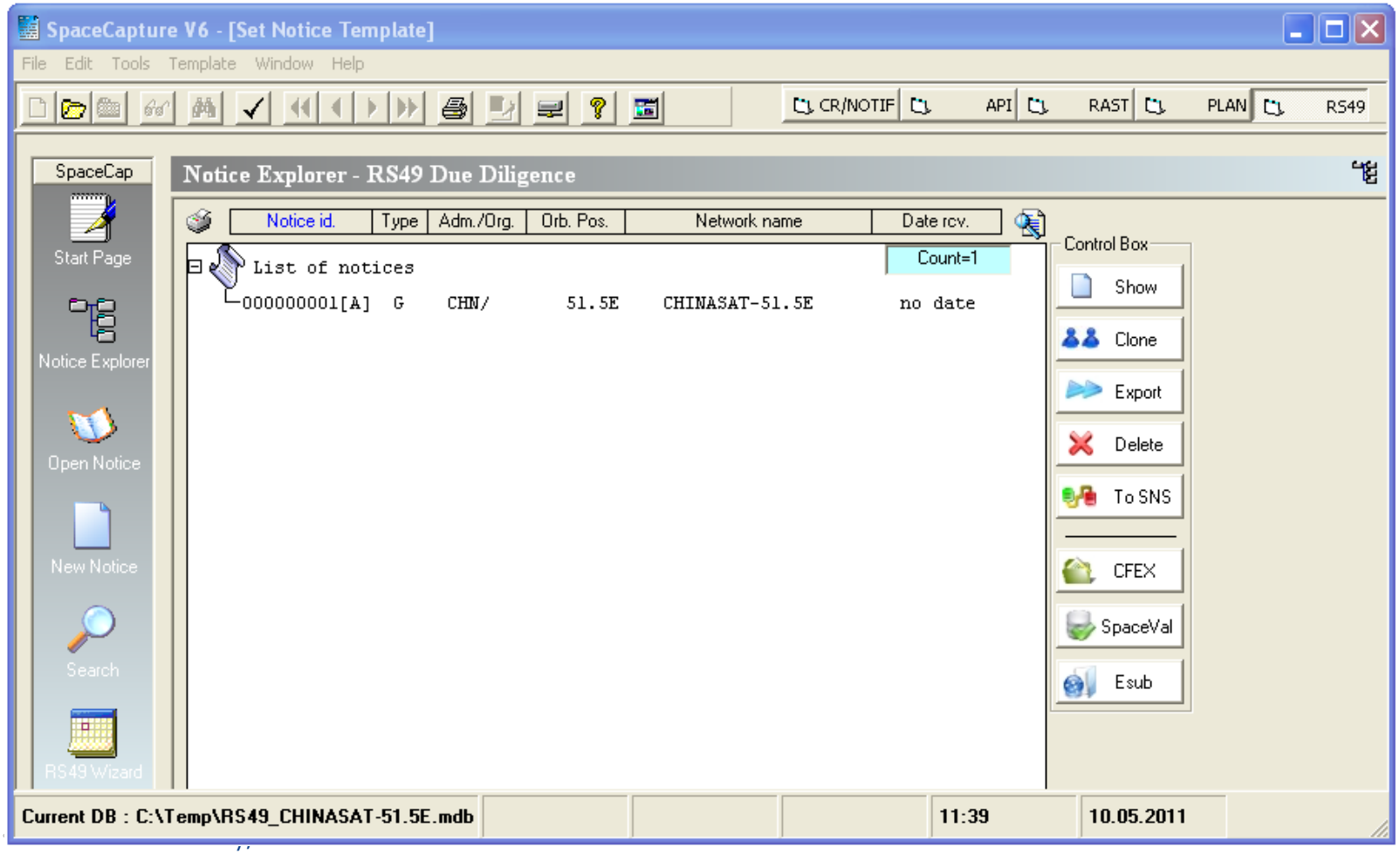
Resolution 49 Query (7/7)

Result: RS49 filing generated



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Questions ?

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