International Telesommunication Union

Resolution 49 (Administrative due diligence)

Creation of electronic submissions with SpaceCap software

Resolution 49 (RS49) Filing generated automatically from:

Coordination request, Notification, AP30/30A (Part A and Part B) and AP30B (A6A and A6B)

Presented by SSD Space Notification and Plans Division



WORLD RADIOCOMMUNICATION SEMINAR 2012

GENEVA, 3-7 DECEMBER 2012

www.itu.int/ITU-R/go/WRS-12





Resolution 49

Administrative due diligence is applicable to some satellite radiocommunication services

For Planned services, RES49 filing can be created to submit due diligence on notices published in Special Sections: •AP30/E, AP30A/E, AP30-30A/E (Part A or Part B) •AP30B/A6A or AP30B/A6B, before WRC07 - AP30B/ Art.6 Sect. III

RS49 Electronic Notification Procedure







Step by step samples:

1/ Using SNS Online to get the RS49 summary data

2/ Using SpaceQry to get the RS49 summary data

1/ Step by step sample:

How to create a RES49 notice for assignments of an AP30-30A/E (Part A) notice published using SNS Online (TIES account) to extract the RS49 summary data from the BR SNS Master Register

Starting SpaceCap software for RS49 data capture









Selecting criteria to list candidates to create a RS49 notice (2)





Selecting the notice to link the RS49 notice (3)



🖉 Due diligence selection of geostationary stations - Windows Inter	net Explorer		
File Edit View Favorites Tools Help			
G S v http://www.itu.int/online/sns/diligsum.sh?plan_id=plan&sat_nam	e=8sat_adm=8nt 💌 🐓 🗙	chevaliere rhinoceros	₽ •
Favorites Due diligence selection of geostationary stations	👌 -	🔊 🗉 🖶 🕶 Page	e 🔹 Safety 👻 Tools 👻 🌒 👻
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Space Networ	k Systems Onli	ne	
Resolution	49 submission		
geostationary satellite notice ident	station in planned servi ifier: 112555003	ces	
Export result of query to MS/ACCESS EXCEL S.0 ?			
diligsum_plan To select one from the list	click on the name of the satel	lite	
SATELLITE NAME CATEGORY ADM NTWK. LONGITUDE DATE OF I	PROTECTION BR IFIC/WIC	BR IFIC/WIC DATE STAT	US Linked NOTICE ID.
B-SAT-3Q B B -61 11.0	1.2020 2721	12.06.2012	24 112555003
TOTAL:			1
<u>Contact BR Help News FAQ Home Di</u> Revised: 16	<u>scussion Forum</u> <u>Related Softwa</u> November 2012	re <u>Space IFIC</u>	
International Telecor	nmunication Union, 1996-2	008	
		🗸 Trusted sites	🖓 🔹 🍕 100% 💌 🛒

Checking the data and create the filing for the selected notice (4)



Getting linked notice data locally created by SNS Online (5)



Resolution 49/552 Wiza	'd ¥7	
	The RS49/RS552 Wizard requires the RS49/RS552 summary data for a Satellite network. Create the Due Diligence summary data with SpaceQry or SNS Online	
N.	SpaceQry Due Diligence Query http://www.itu.int/sns/dia Browsing your local drive to select the SNS Online filing created	
L'Assertion	Specify the mdb that contains Due Diligence summary data downloaded from SNS Online. C:\Temp\TEST\RES49DB_112555003.MDB	
· VB	The Wizard will create the RS49 Submission in this mdb. c:\temp\RS49_B-SAT-3Q.mdb	
Help	Cancel < Back Next > Einish	



Resolution 49/552 Wizard V7 - Introduction		
	The Resolution 49/552 Resolution 49/552 info	Wizard will help you prepare an electronic submission of ormation for the selected network.
	A1f1. Adm: B	A1f3. Ntwk Org:
Law -	A1a. Identity of the Satellite Network:	B-SAT-3Q
Nº.	Geostationary	A4a1. Nominal -61 Longitude:
	New RS49 Submission	If Using a Spacecraft already registered with the ITU, please select the ITU Spacecraft ID below:
	Modification of RS49 Sub	omission
Help	Cancel < <u>B</u> ack	Next >



Resolution 49/552 Wizard	1 ¥7 - SpaceCraft Manufacturer Enter the Spacecraft Manufacturer i	nformation for this network.
	BR41 Commercial Name of the Satellite: Spacecraft Manufacturer BR30 Name of the Spacecraft Manufacturer BR31 Date of Execution of the Contract BR32 Contractual "Delivery Window" From 16.11.2012 To 16.11 To clear a date value, unch Note: You can use SpaceCap to add or	MY COM NAME MY MANUFACTURER 16.11.2012 BR33 Number of Satellites Procured 1.2012 1 eck the appropriate checkbox. modify the Manufacturer Information later.
Help	Cancel < <u>B</u> ack <u>N</u> ext >	Einish



Resolution 49/552 Wizar	V7 - Launch Services Provider
	Enter the Launch Services Provider for this Network.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Launch Services Provider
	BR34 Name of the Launch Vehicle Provider BR35 Name of the Launch Vehicle
	MY LAUNCHER ARIANE 5 G
	BR36 Date of Execution of the Contract BR37 Anticipated Launch or In-Orbit "Delivery Window"
	16.11.2012 From 16.11.2012 To 16.11.2012
6 8 8	To clear a date value, uncheck the appropriate checkbox.
N 18	BR38 Name of the Launch Facility KOUROU
	BR40 Geographical Coordinates
	BR39 Country/Location Degrees E/W Min Sec Degrees N/S Min Sec
	GUF - 52 W 43 48 5 N 12 0
	Note: You can use SpaceCap to add as modify the Service Drevider Information later
12200	Note. The carries spacecap to add or mouny the service provider information later.
Help	Capcel < Rack Next > Einich
<u> </u>	

Selection of the linked notice frequency bands to be covered by the RS49 notice



Resolution 49/552 Wizard V7 - Frequency Ranges Subject to Resolution 49/552	
□ □ 12212.00000 to 12688.00000 □ □ □ □ □ <	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 which are not submitted for RS49 will be deleted from the Corresponding notice when the Date of Bringing into Use has passed.
Help Cancel < Back Next >	



Resolution 49/552 Wizard ¥7 - Finished!	
	Press Finish to generate your Resolution 49/552 Submission.
	The RS49/RS552 Submission will be created in c:\temp\RS49_B-SAT-3Q.mdb
	Note: you can view and modify the generated Resolution 49
	Submission with SpaceCap. cel < Back Next >

SpaceCap standard use for other data capture



SpaceCapture V7 - [Set Notice Template]			
File Edit Tools Template Window Help			
	PI 🖸 RAST 🖸	PLAN C3, RS49/552	
SpaceCep Start Page Start Page Notice Explorer Open Res49 filing New Notice New Notice Search Search RS49 Wread Open new generated RES49 filing			
Current DB : C:\BR_SOFT\DATA\SPACECAP_V7.MDB	15:39 16.1	11.2012	

SpaceCap standard use for other data capture





2/ Step by step sample:

How to create a RES49 notice for assignments of an AP30-30A/E (Part A) notice published using SpaceQry to extract the RS49 summary data from a SPS_all_ificxxxx.mdb V7 database

Starting SpaceCap software for RS49 data capture



















File Actions Options Help 🕅 😂 🛱 🍪 🗐 🕅 💯 🛠 📂 💵 🎫 😰 🗊 🦓	
1 Soloct Conoral	
T. Select General	
Criteria	
😵 Que 🔰 (c:\br_soft\data\sps_all_ific2721_v7.mdb)	
🕅 Duardan Cita	
Q Query Type General Criteria Br Station Criteria Erequence Criteria	
Recall criteria for a saved query	
Notification Reason	
□ Notification □ Satellite Coordination □ Advanced Publication □ BSS Plan	
Due Diligence Earth Station Coordination FSS Plan	
2. Select BSS Plan	
Administration : Constration :	
BR Network ID : BR Status : Q	
Publication Number : Publication Part : 1	
- Sorting Order	
Administration O Orbital Position O Adm Identification O BB Identification	
C Notification reason C Publication Number C Satellite Name C BR Status	



BR Space Query and Extract System >>>> 7.0 BETA <<<<
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1 Select Ouick
Queries
C:\br_soft\data\sps_all_ific2721_v7.mdb)
Q Query Type 🚰 General Criteria 🗗 🖧 Station Criteria 🚺 Frequency Criteria 🕅 🐼 Overlap Criteria
Quick Query Parameters
Notice ID: No previous RS49 submission
Findings: 🗹 All findings values 🗖 Favorable 🗖 Unfavorable 🚺 Unspecified 🚺
Use: © End-of-regulatory-period date or © DBIU range: -> -> -> -> -> -> -> -> -> -> -> -> ->
5. Option 101
Creating a miling
Resolution-49 Capture Query (Plans). Create a Plans 'filing database' for SpaceCap. database''
Rs49) C Resolution-49: list satellites with a planned 'bringing into use' (2c) date between two given dates;
R_{France} Resolution-49: for a given network, list unique frequency bands with a planned 'bringing into use'
(2c) date between two given dates; order by frequency and associated class of station.
List the regulatory dates for frequency range(s) of a given satellite within its API / Coordination / Notification / Rs49 cycle. Order by frequency range.
Special Rs49 + API Frequencies







Getting linked notice data locally from SpaceQry software (2)



SpaceCapture V7 - [Set Notice Template]	a 🗙
Elle Edit Tools Template Window Help	اس
Succession RS49 Wizard Transacion d Open Horses Net Horse <	
Current DB : C:\BR_SOFT\DATA\SPACECAP_V7.MDB 16:39 15.11.2012	



Resolution 49 Wizard V7	
	The RS49/RS552 Wizard requires the RS49/RS552 summary data for a Satellite network. Create the Due Diligence summary data with SpaceQry or SNS Online SpaceQry Due Diligence Query http://www.itu.int/sns/diligsum.html Click the Next button to build your R549 Submission using the R549 summary data created by
	SpaceQry. 1. Browse the database created with SpaceQry
2 Brance	The Wizard will create the RS49 Submission in this mdb.
	C:\Br_soft\data\RS49_112555003_B-SAT-3Q.mdb
Help	Cancel < Back Next > Einish



Resolution 49/552 Wizard ¥7 - Introduction



Help

The Resolution 49/552 Wizard will help you prepare an electronic submission of Resolution 49/552 information for the selected network.

A1f1. Adm: B	A1f3. Ntwk Org:		
A1a. Identity of the Satellite Network:	B-SAT-3Q		
Geostationary	A4a1. Nominal Longitude: -61		
New RS49 Submission	If Using a Spacecraft already registered with the ITU, please select the ITU Spacecraft ID below:		
C Modification of RS49 Sub	bmission		
Cancel < <u>B</u> ack	[Next >] Einish		

< <u>B</u>ack

Next >

Cancel



Resolution 49/552 Wizard V7 - SpaceCraft Manufacturer



Help

Enter the Spacecraft Manufacturer information for this network.						
ed						
Note: You can use SpaceCap to add or modify the Manufacturer Information later.						

Finish



Resolution 49/552 Wizard V7 - Launch Services Provider					
	Enter the Launch Services Provider for this Network. Launch Services Provider BR34 Name of the Launch Vehicle Provider BR35 Name of the Launch Vehicle MY LAUNCHER ARIANE 5 G Image: Colspan="2">Image: Colspan="2" Image: Col				
	BR38 Name of the Launch Facility KOUROU BR40 Geographical Coordinates BR39 Country/Location Longitude EV Min Sec Sec Sec				
Help	Cancel < <u>B</u> ack <u>N</u> ext > <u>Finish</u>				









SpaceCap standard use for other data capture



SpaceCapture V7 - [Set Notice Template]			
File Edit Tools Template Window Help			
	API CL RAST CL	PLAN 🕒 R549/552	
SpaceCap Start Page Start Page Notice Explorer Notice Notice New Notice New Notice Search Search RS.49 Wread Open new generated RES49 filing			
Current DB : C:\BR_SOFT\DATA\SPACECAP_V7.MDB	15:39 16.	11.2012	

SpaceCap standard use for other data capture





The electronic RS49 notice is then ready to be submitted to the BR!

For more information: http://www.itu.int/ITU-R/go/space-plans-res49/en

SpaceCap software: http://www.itu.int/en/ITU-R/software/Pages/spacecap.aspx

Questions?

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