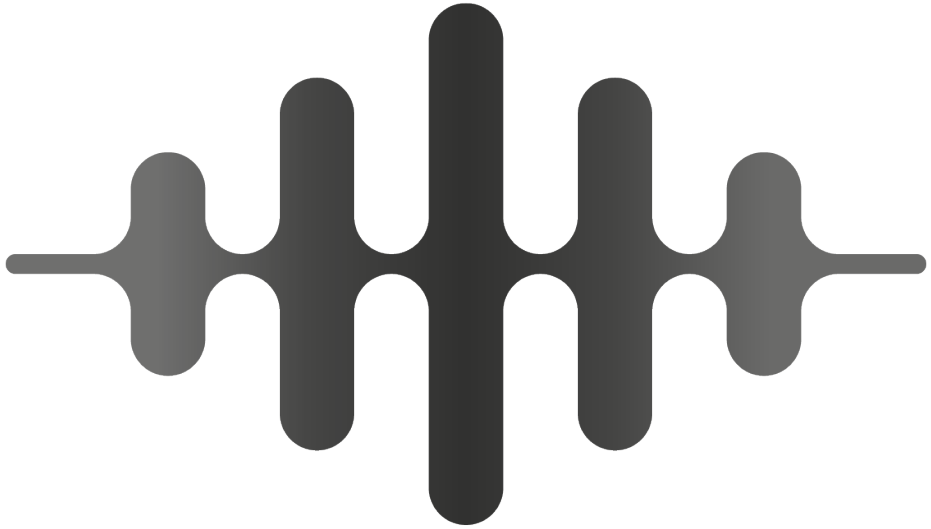

ITU WRS GENEVA2024

2–6 December 2024
Geneva, Switzerland

Coordination Agreement Capture Tool

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Space Services Department
Radiocommunication Bureau, ITU
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2-6 December 2024, Geneva, Switzerland

WRC-19 Outcome 1

The Bureau reported difficulties in treating consistently the coordination status information that is provided in cover letters of administration during the notification of their satellite networks to WRC-19

Tool developed for administrations to communicate coordination status in relation to affected administrations at group level

Communicated in CR/483 dated 25 March 2022

Implemented in BR IFIC 2968 in April 2022

WRC-19 Outcome 2

When carrying out examination under RR No. **11.32A** to also take into account coordination agreement status with satellite networks of affected administrations at notice level when such information is provided for the notification of geostationary satellite networks, so that the notifying administration may benefit from the coordination agreements already obtained.

This information is optional

Implemented in BR IFIC 2945 in May 2021

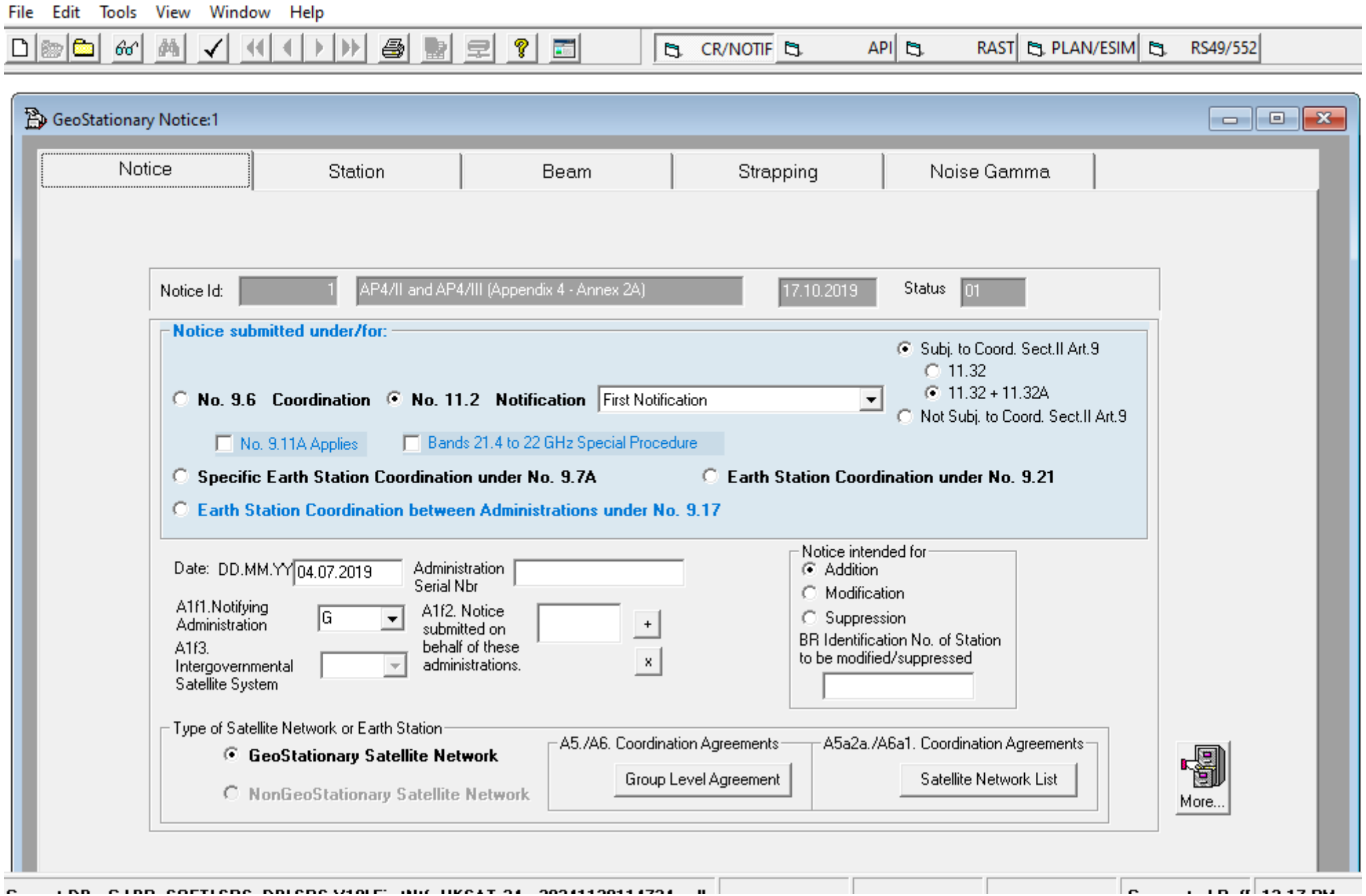
CR/483 dated 25 March 2022

- For notifications or resubmissions received from 1 July 2022, the BR will not take into account in the examination of the notices any additional information provided in cover letters relating to the status of coordination agreements.

- Resubmission of a notification notice will not be considered receivable if it is not submitted through the e-Submission system.

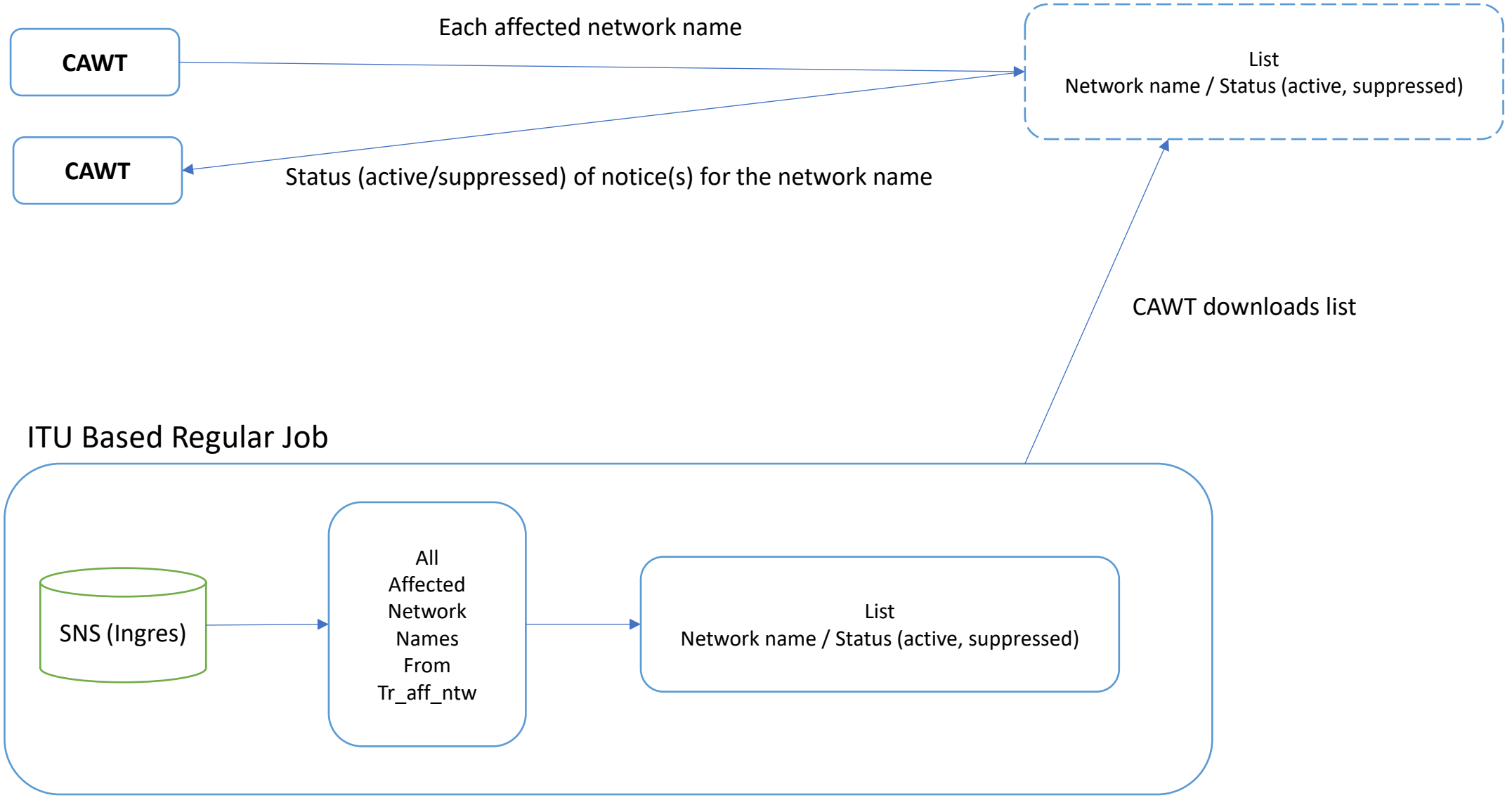
Features of the tool to update coordination status

- Wizards implemented within the BR software SPACECAP
- User friendly interface
  - filters to facilitate maneuverability in notice to capture the coordination status with affected administrations at group level
- Coordination requirements retrieved for more accurate reporting
  - First notification
    - Coordination Request Notice
  - Resubmission
    - Notice returned and published under Part-3S
- Check if coordination requirements is still valid with an affected administration


File Edit Tools View Window Help
CR/NOTIF API RAST PLAN/ESIM RS49/552
GeoStationary Notice:1
Notice
Station
Beam
Strapping
Noise Gamma
Notice Id: 1 AP4/II and AP4/III (Appendix 4 - Annex 2A) 17.10.2019 Status 01
Notice submitted under/for:
No. 9.6 Coordination
No. 11.2 Notification
First Notification
Subj. to Coord. Sect.II Art.9
11.32
11.32 + 11.32A
Not Subj. to Coord. Sect.II Art.9
No. 9.11A Applies
Bands 21.4 to 22 GHz Special Procedure
Specific Earth Station Coordination under No. 9.7A
Earth Station Coordination under No. 9.21
Earth Station Coordination between Administrations under No. 9.17
Date: DD.MM.YY 04.07.2019
Administration Serial Nbr
A1f1.Notifying Administration G
A1f2. Notice submitted on behalf of these administrations.
A1f3. Intergovernmental Satellite System
Notice intended for
Addition
Modification
Suppression
BR Identification No. of Station to be modified/suppressed
Type of Satellite Network or Earth Station
GeoStationary Satellite Network
NonGeoStationary Satellite Network
A5./A6. Coordination Agreements
Group Level Agreement
A5a2a./A6a1. Coordination Agreements
Satellite Network List
More...

Wizard includes check if coordination requirement is still valid with an affected administration

Implementation



Treatment of agreement status with an affected administration at group level

- If the “agreement obtained” status is indicated with an affected administration, the Bureau will
  - consider the coordination procedure has been completed with that administration
  - will not determine whether the satellite networks of the other administration have been suppressed or not
  - give a favourable finding under No.11.32

- If **no** “agreement obtained” is indicated with respect to an affected administration, the Bureau will
  - consider that coordination has not been obtained with that administration
  - carry out examination to check if there is still coordination requirement with that administration
  - consider that coordination has not been completed with that administration if there is still coordination requirement, and an unfavourable finding under No.11.32 will be given.

- Does not include Article 2A of AP30/30A notification and Planned Services notification

Link to references

- Guidelines for submission of Notification
- CR/483
- BR IFIC 2968
- BR IFIC 2945

Link to retrieve the most updated database for the use of tool

https://www.itu.int/sns/notification.html

Group Level Agreement Tool User Interface and Features

- **Layout of information in the Group Level Agreement table**
  - **General Information on top**
  - **Provisions tabs**
  - **Grouping of information**

- **Add and remove administration not listed as affected feature**

- **Administration indicated with an asterisk (no longer affected)**

- **Capturing Coordination information**

    - **Groups with affected and not affected administrations**
    - **Vertical agreement Fill**
    - **Horizontal agreement Fill**
    - **Beam Level agreement Fill**
    - **Agreement all groups Fill**

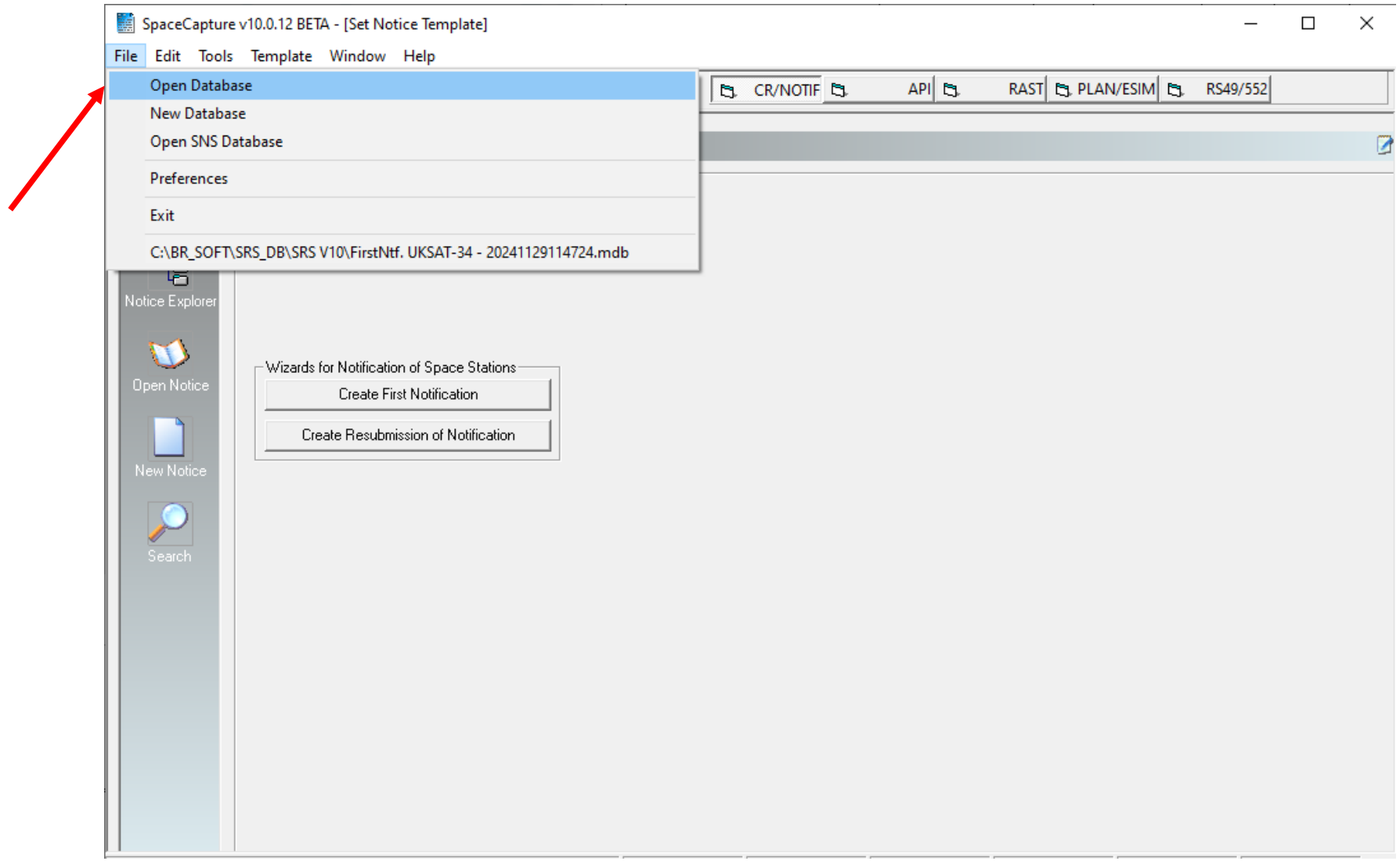
- **Filter Features**
  - **Using filter tool to capture coordination agreements**
  - **beam, the direction of transmission, group id nos., min and max frequencies, service area no. or combination of these parameters**
  - **Clear filter**

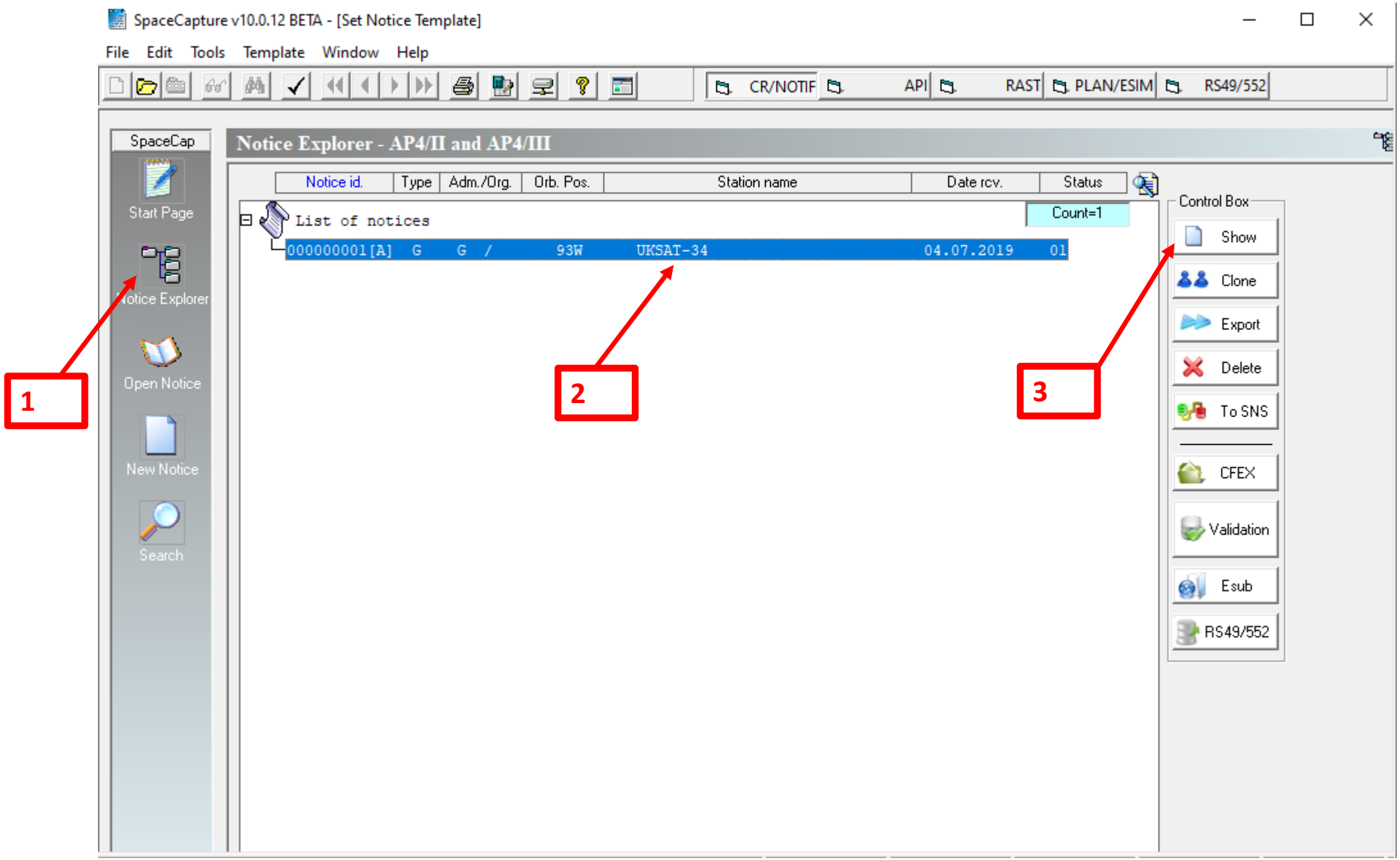
- **Save Captured Agreements**

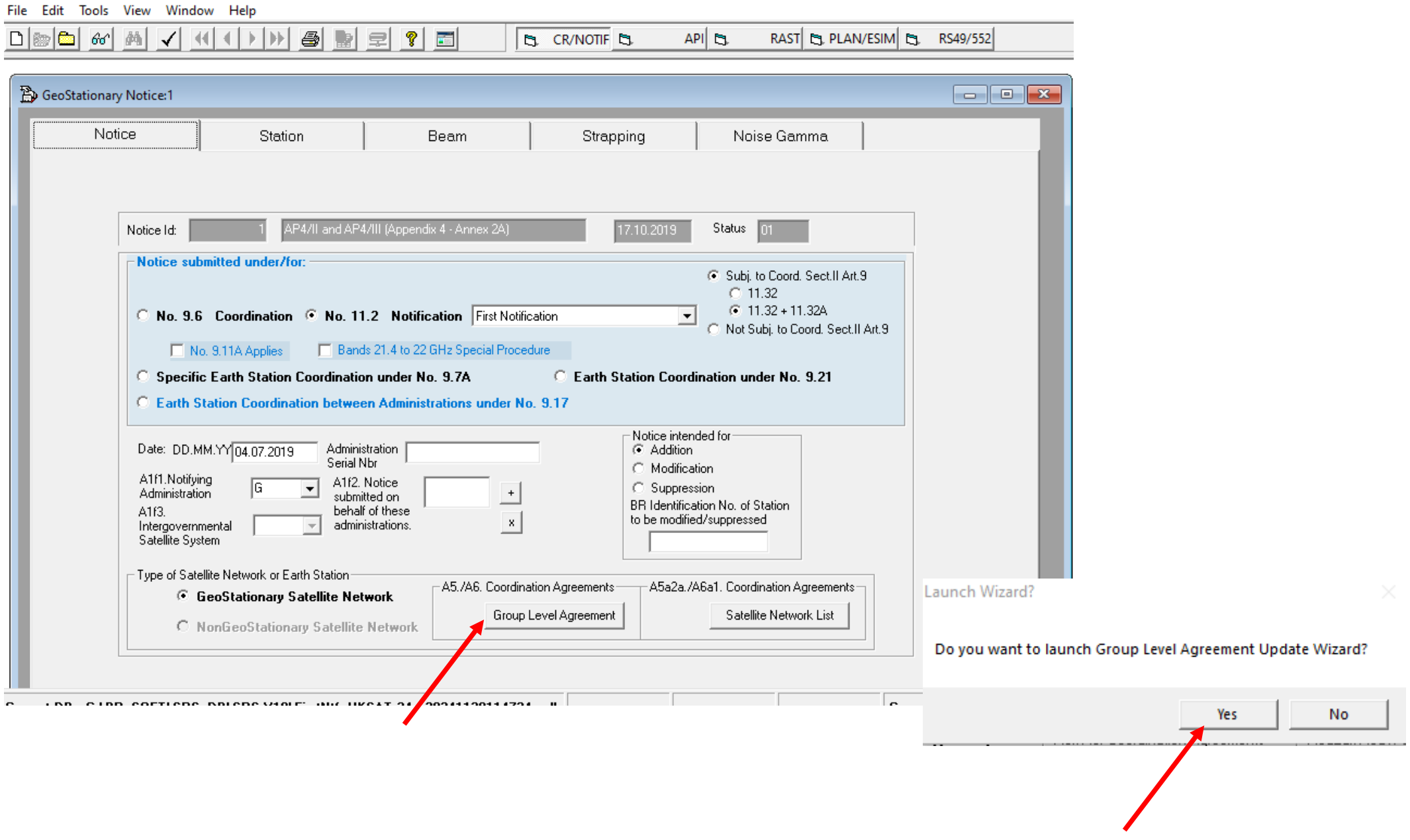
- **Summary report of Captured Coordination Agreements**

User interface

FirstNtf. UKSAT-34 20241129114724.mdb


SpaceCapture v10.0.12 BETA - [Set Notice Template]
File
Edit
Tools
Template
Window
Help
Open Database
New Database
Open SNS Database
Preferences
Exit
C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb
CR/NOTIF
API
RAST
PLAN/ESIM
RS49/552
Notice Explorer
Open Notice
New Notice
Search
Wizards for Notification of Space Stations
Create First Notification
Create Resubmission of Notification


SpaceCapture v10.0.12 BETA - [Set Notice Template]
File Edit Tools Template Window Help
CR/NOTIF API RAST PLAN/ESIM RS49/552
SpaceCap
Start Page
Notice Explorer
Open Notice
New Notice
Search
Notice Explorer - AP4/II and AP4/III
Notice id. Type Adm./Org. Orb. Pos. Station name Date rcv. Status
List of notices
Count=1
000000001[A] G G / 93W UKSAT-34 04.07.2019 01
Control Box
Show
Clone
Export
Delete
To SNS
CFEX
Validation
Esub
RS49/552
1
2
3


File Edit Tools View Window Help
CR/NOTIF API RAST PLAN/ESIM RS49/552
GeoStationary Notice:1
Notice Station Beam Strapping Noise Gamma
Notice Id: 1 AP4/II and AP4/III (Appendix 4 - Annex 2A) 17.10.2019 Status 01
Notice submitted under/for:
No. 9.6 Coordination No. 11.2 Notification First Notification
Subj. to Coord. Sect.II Art.9
11.32
11.32 + 11.32A
Not Subj. to Coord. Sect.II Art.9
No. 9.11A Applies
Bands 21.4 to 22 GHz Special Procedure
Specific Earth Station Coordination under No. 9.7A
Earth Station Coordination under No. 9.21
Earth Station Coordination between Administrations under No. 9.17
Date: DD.MM.YY 04.07.2019
Administration Serial Nbr
A1f1.Notifying Administration G
A1f2. Notice submitted on behalf of these administrations.
A1f3. Intergovernmental Satellite System
Notice intended for
Addition
Modification
Suppression
BR Identification No. of Station to be modified/suppressed
Type of Satellite Network or Earth Station
GeoStationary Satellite Network
NonGeoStationary Satellite Network
A5./A6. Coordination Agreements
Group Level Agreement
A5a2a./A6a1. Coordination Agreements
Satellite Network List
Launch Wizard?
Do you want to launch Group Level Agreement Update Wizard?
Yes
No

BRSIS - Coordination Agreement Capture v10.0.0.0 - BETA

Group Level Agreement Capture

Current Ntc Id: **1** Satellite: **UKSAT-34** NtcType: **G** Provn: **11.32A** SubType: **F**

Current DB: C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb

High level details

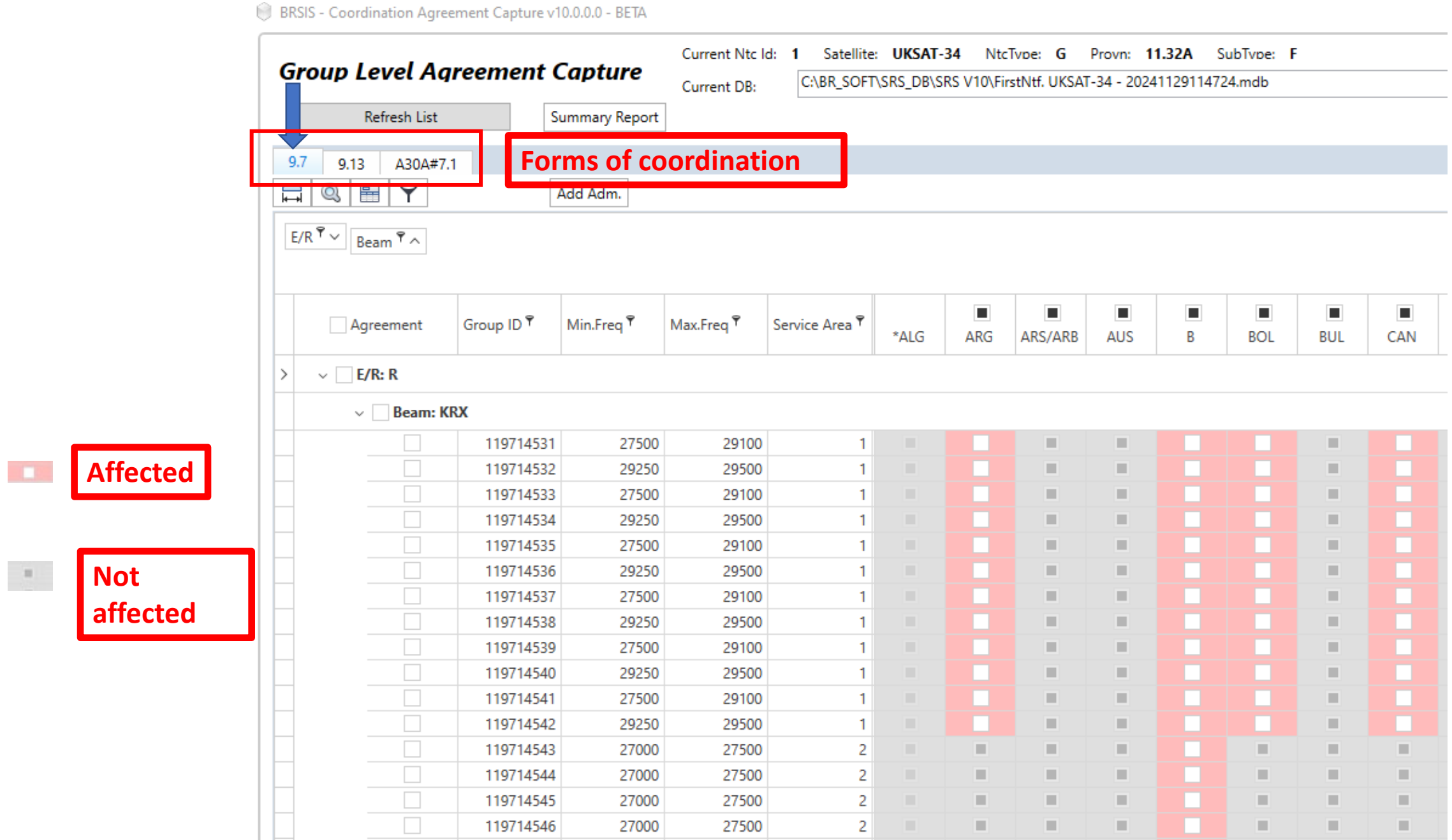
Refresh List | Summary Report

9.7 | 9.13 | A30A#7.1

Add Adm.

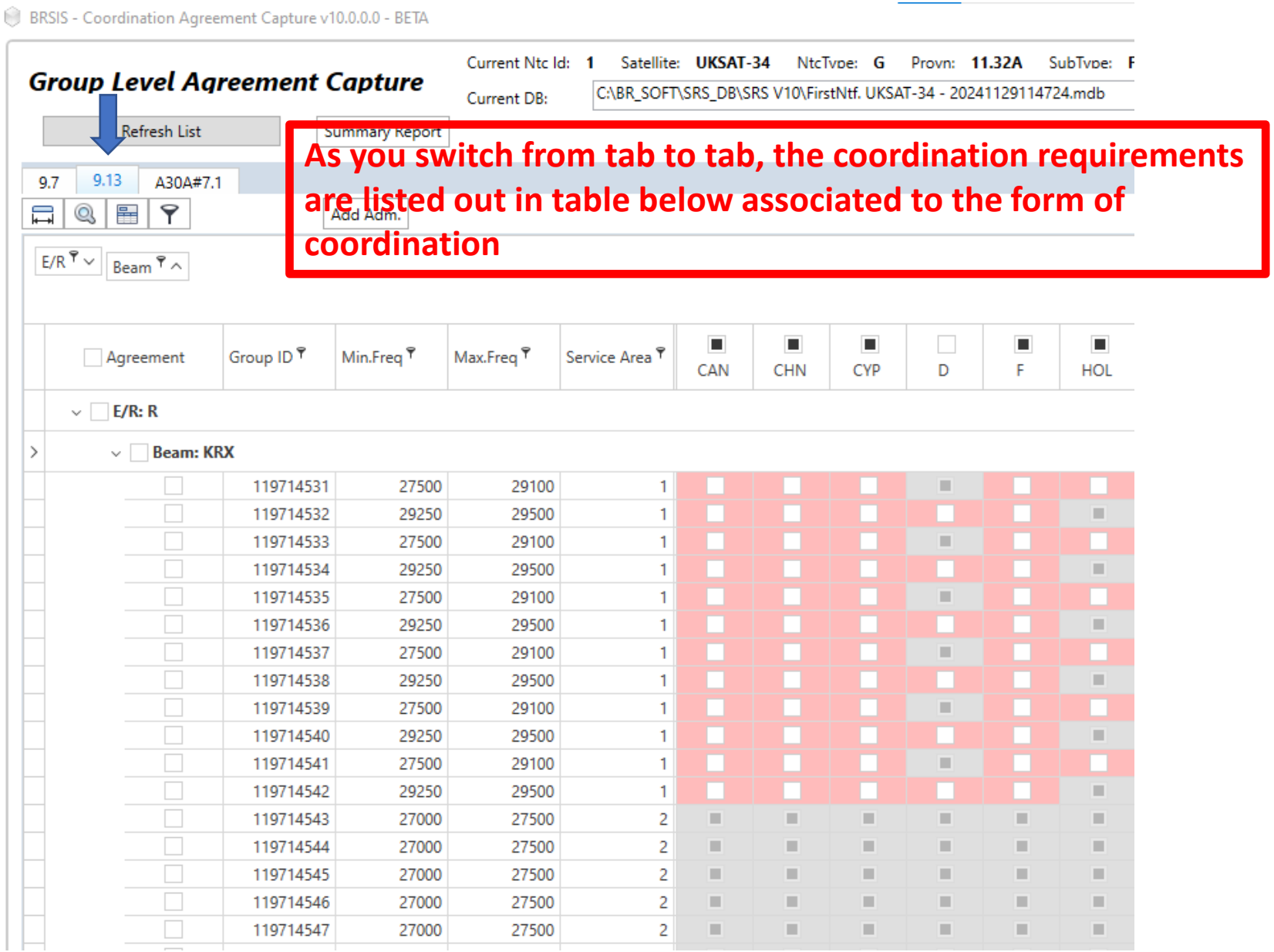
E/R | Beam

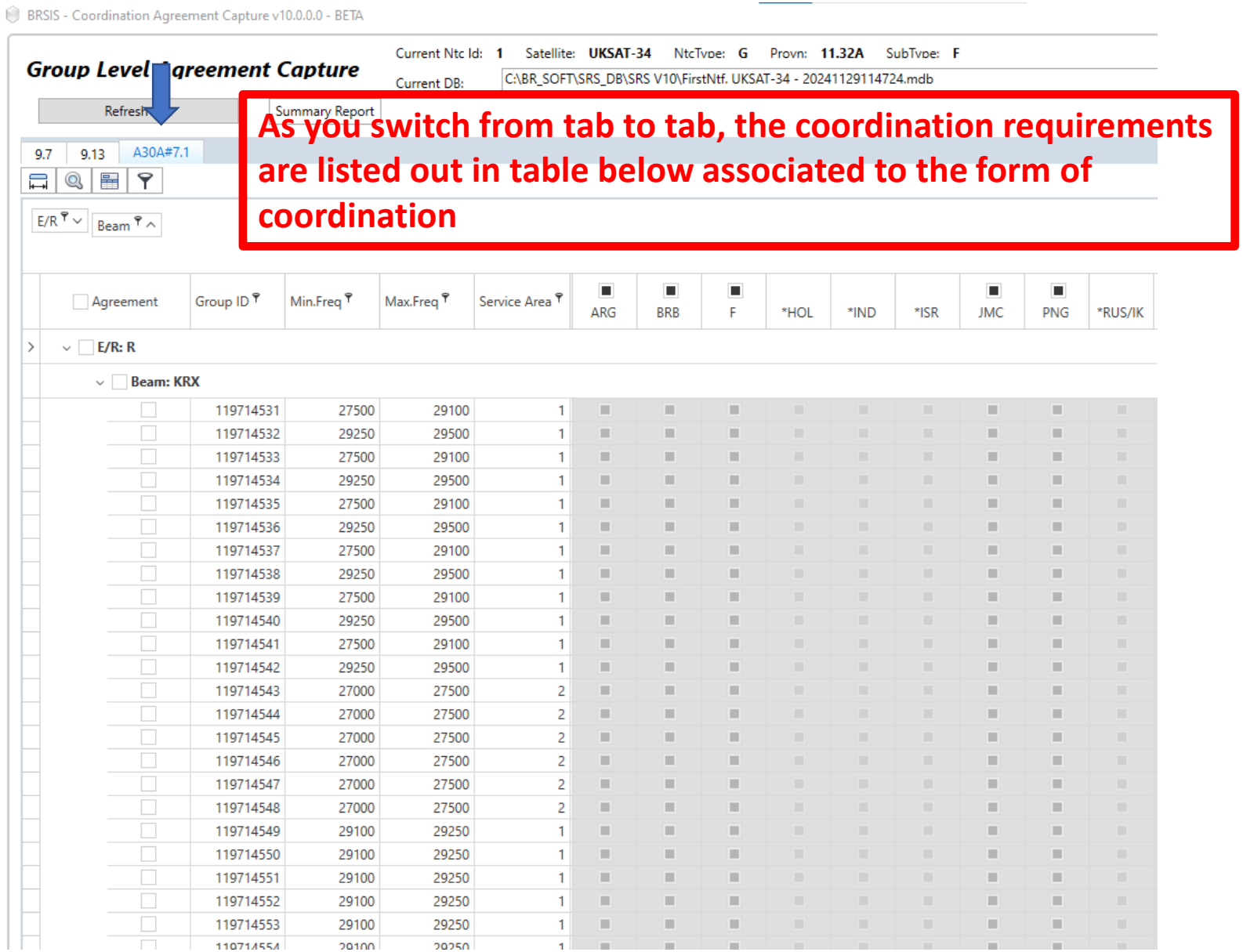
Agreement	Group ID	Min.Freq	Max.Freq	Service Area	*ALG	ARG	ARS/ARB	AUS	B	BOL	BUL	CAN	CHN	CLM	CYP	D	E	ETH	F
E/R: R																			
Beam: KRX																			
	119714531	27500	29100	1															
	119714532	29250	29500	1															
	119714533	27500	29100	1															
	119714534	29250	29500	1															
	119714535	27500	29100	1															
	119714536	29250	29500	1															
	119714537	27500	29100	1															
	119714538	29250	29500	1															
	119714539	27500	29100	1															
	119714540	29250	29500	1															
	119714541	27500	29100	1															
	119714542	29250	29500	1															
	119714543	27000	27500	2															
	119714544	27000	27500	2															
	119714545	27000	27500	2															
	119714546	27000	27500	2															
	119714547	27000	27500	2															

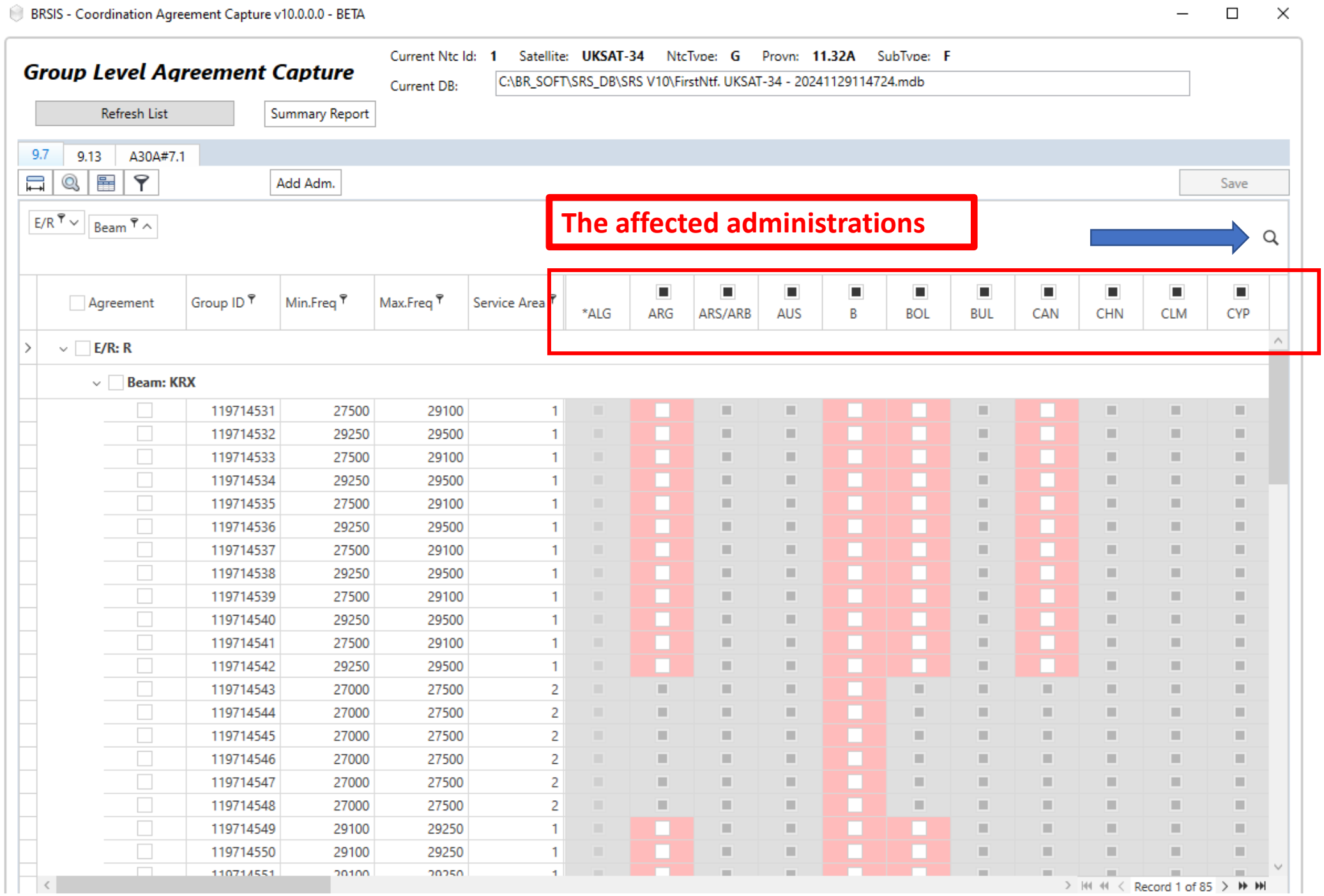


Affected

Not affected


BRSIS - Coordination Agreement Capture v10.0.0.0 - BETA
Group Level Agreement Capture
Current Ntc Id: 1 Satellite: UKSAT-34 NtcTvpe: G Provn: 11.32A SubTvpe: F
Current DB: C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb
Refresh List
Summary Report
As you switch from tab to tab, the coordination requirements are listed out in table below associated to the form of coordination
9.7
9.13
A30A#7.1
Add Adm.
E/R
Beam
Agreement
Group ID
Min.Freq
Max.Freq
Service Area
CAN
CHN
CYP
D
F
HOL
E/R: R
Beam: KRX
119714531 27500 29100 1
119714532 29250 29500 1
119714533 27500 29100 1
119714534 29250 29500 1
119714535 27500 29100 1
119714536 29250 29500 1
119714537 27500 29100 1
119714538 29250 29500 1
119714539 27500 29100 1
119714540 29250 29500 1
119714541 27500 29100 1
119714542 29250 29500 1
119714543 27000 27500 2
119714544 27000 27500 2
119714545 27000 27500 2
119714546 27000 27500 2
119714547 27000 27500 2


BRSIS - Coordination Agreement Capture v10.0.0.0 - BETA
Group Level Agreement Capture
Current Ntc Id: 1 Satellite: UKSAT-34 NtcTvpe: G Provn: 11.32A SubTvpe: F
Current DB: C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb
Refresh
Summary Report
As you switch from tab to tab, the coordination requirements are listed out in table below associated to the form of coordination
9.7
9.13
A30A#7.1
E/R
Beam
Agreement
Group ID
Min.Freq
Max.Freq
Service Area
ARG
BRB
F
*HOL
*IND
*ISR
JMC
PNG
*RUS/IK
E/R: R
Beam: KRX
119714531 27500 29100 1
119714532 29250 29500 1
119714533 27500 29100 1
119714534 29250 29500 1
119714535 27500 29100 1
119714536 29250 29500 1
119714537 27500 29100 1
119714538 29250 29500 1
119714539 27500 29100 1
119714540 29250 29500 1
119714541 27500 29100 1
119714542 29250 29500 1
119714543 27000 27500 2
119714544 27000 27500 2
119714545 27000 27500 2
119714546 27000 27500 2
119714547 27000 27500 2
119714548 27000 27500 2
119714549 29100 29250 1
119714550 29100 29250 1
119714551 29100 29250 1
119714552 29100 29250 1
119714553 29100 29250 1


BRSIS - Coordination Agreement Capture v10.0.0.0 - BETA
Group Level Agreement Capture
Current Ntc Id: 1 Satellite: UKSAT-34 NtcType: G Provn: 11.32A SubType: F
Current DB: C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb
Refresh List
Summary Report
9.7
9.13
A30A#7.1
Add Adm.
Save
The affected administrations
E/R
Beam
Agreement
Group ID
Min.Freq
Max.Freq
Service Area
*ALG
ARG
ARS/ARB
AUS
B
BOL
BUL
CAN
CHN
CLM
CYP
E/R: R
Beam: KRX
119714531 27500 29100 1
119714532 29250 29500 1
119714533 27500 29100 1
119714534 29250 29500 1
119714535 27500 29100 1
119714536 29250 29500 1
119714537 27500 29100 1
119714538 29250 29500 1
119714539 27500 29100 1
119714540 29250 29500 1
119714541 27500 29100 1
119714542 29250 29500 1
119714543 27000 27500 2
119714544 27000 27500 2
119714545 27000 27500 2
119714546 27000 27500 2
119714547 27000 27500 2
119714548 27000 27500 2
119714549 29100 29250 1
119714550 29100 29250 1
Record 1 of 85

BRSIS - Coordination Agreement Capture v10.0.0.0 - BETA

Group Level Agreement Capture

Current Ntc Id: **1** Satellite: **UKSAT-34** NtcType: **G** Provn: **11.32A** SubType: **F**

Current DB: C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb

Refresh List | Summary Report

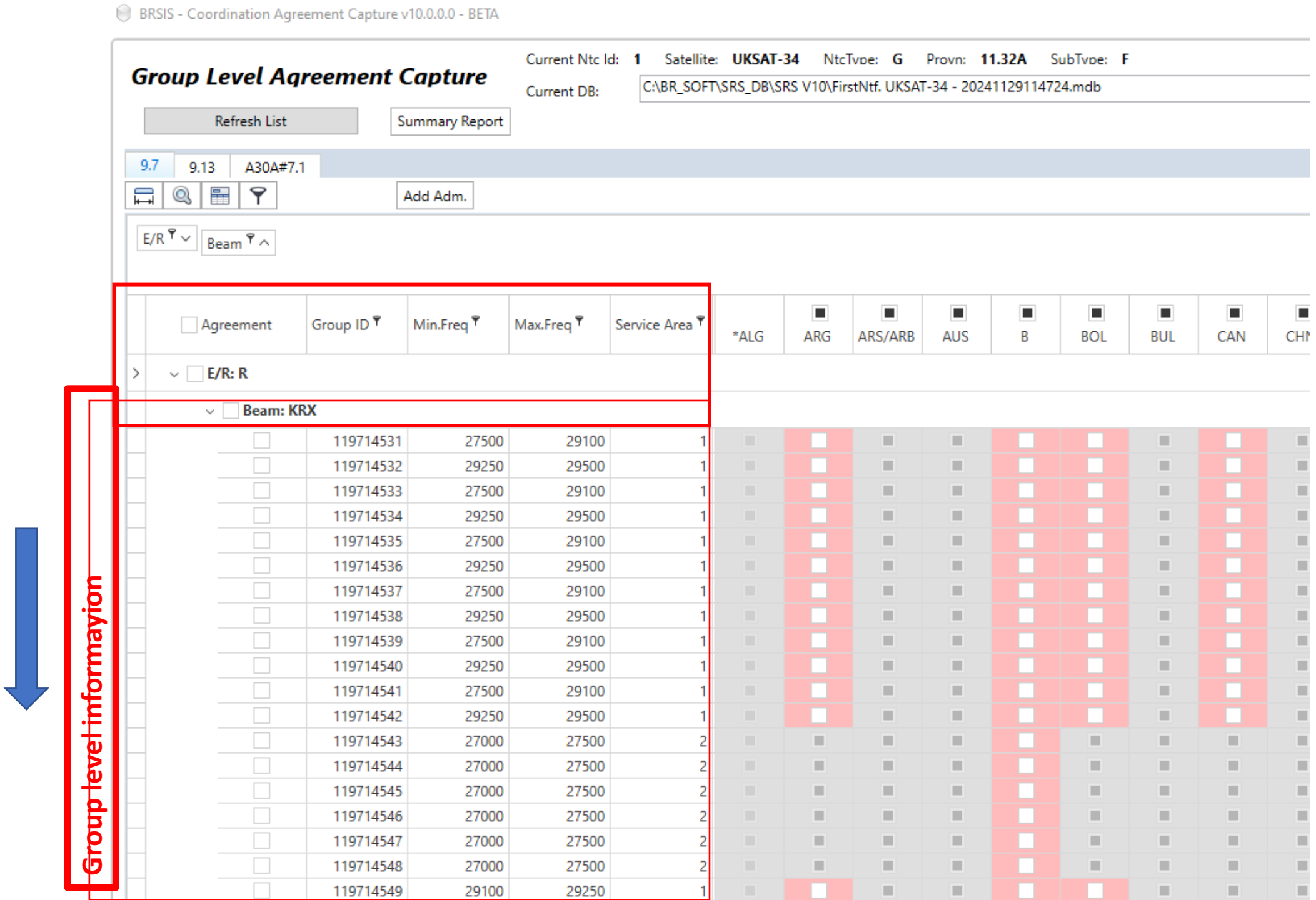
9.7 | 9.13 | A30A#7.1

Add Adm.

E/R | Beam

Information of the space station

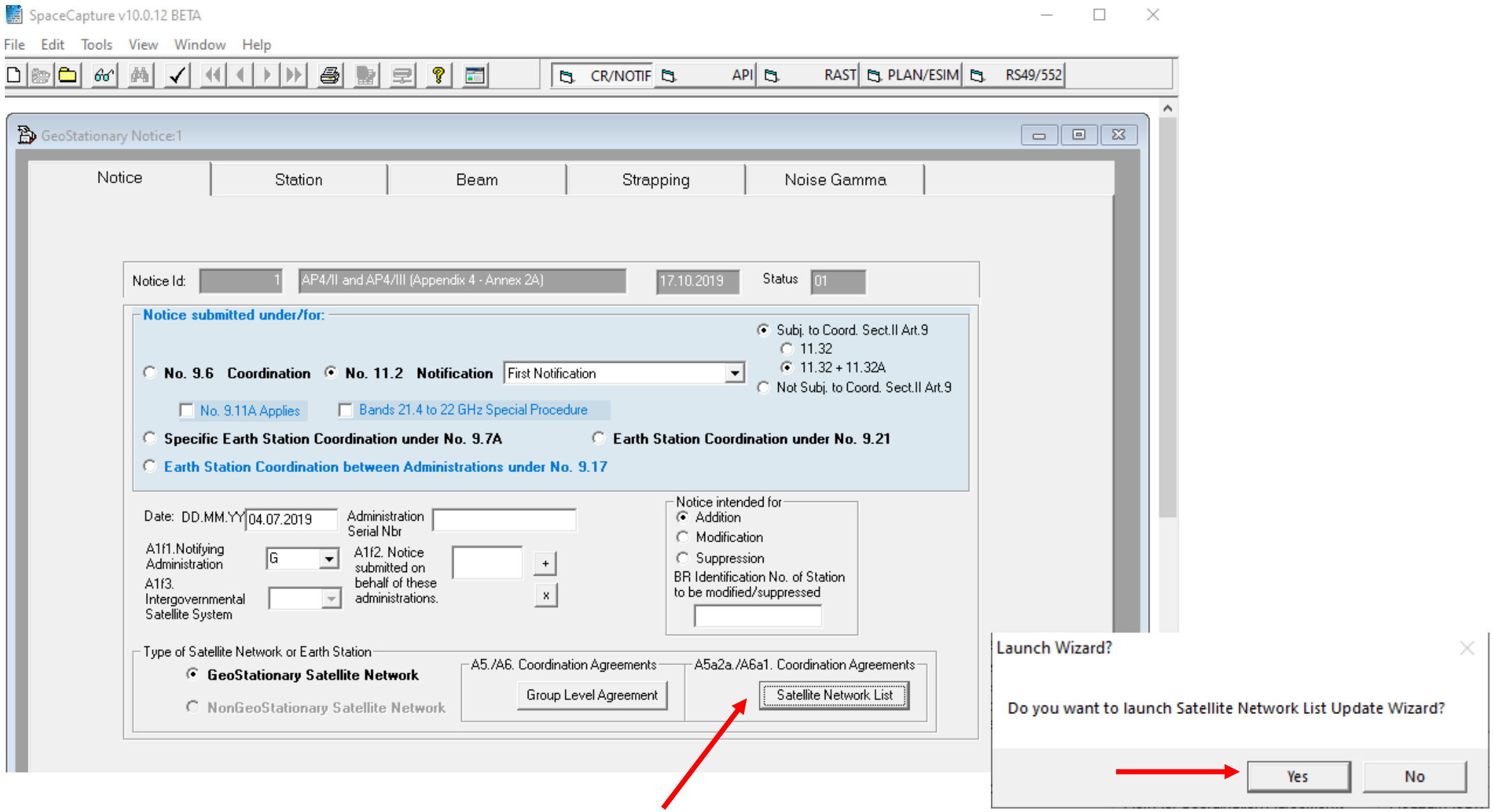
Agreement	Group ID	Min.Freq	Max.Freq	Service Area	*ALG	ARG	ARS/ARB	AUS	B	BOL	BUL	CAN	CHN
E/R: R													
Beam: KRX													
	119714531	27500	29100	1									
	119714532	29250	29500	1									
	119714533	27500	29100	1									
	119714534	29250	29500	1									
	119714535	27500	29100	1									
	119714536	29250	29500	1									
	119714537	27500	29100	1									
	119714538	29250	29500	1									
	119714539	27500	29100	1									
	119714540	29250	29500	1									
	119714541	27500	29100	1									
	119714542	29250	29500	1									
	119714543	27000	27500	2									
	119714544	27000	27500	2									
	119714545	27000	27500	2									
	119714546	27000	27500	2									
	119714547	27000	27500	2									
	119714548	27000	27500	2									
	119714549	29100	29250	1									


BRSIS - Coordination Agreement Capture v10.0.0.0 - BETA
Group Level Agreement Capture
Current Ntc Id: 1 Satellite: UKSAT-34 NtcType: G Provn: 11.32A SubType: F
Current DB: C:\BR_SOFT\SRS_DB\SRS V10\FirstNtf. UKSAT-34 - 20241129114724.mdb
Refresh List
Summary Report
9.7
9.13
A30A#7.1
Add Adm.
E/R
Beam
Agreement
Group ID
Min.Freq
Max.Freq
Service Area
*ALG
ARG
ARS/ARB
AUS
B
BOL
BUL
CAN
CHI
E/R: R
Beam: KRX
119714531 27500 29100 1
119714532 29250 29500 1
119714533 27500 29100 1
119714534 29250 29500 1
119714535 27500 29100 1
119714536 29250 29500 1
119714537 27500 29100 1
119714538 29250 29500 1
119714539 27500 29100 1
119714540 29250 29500 1
119714541 27500 29100 1
119714542 29250 29500 1
119714543 27000 27500 2
119714544 27000 27500 2
119714545 27000 27500 2
119714546 27000 27500 2
119714547 27000 27500 2
119714548 27000 27500 2
119714549 29100 29250 1
Group level information

DEMO
Capture of Coordination Agreements

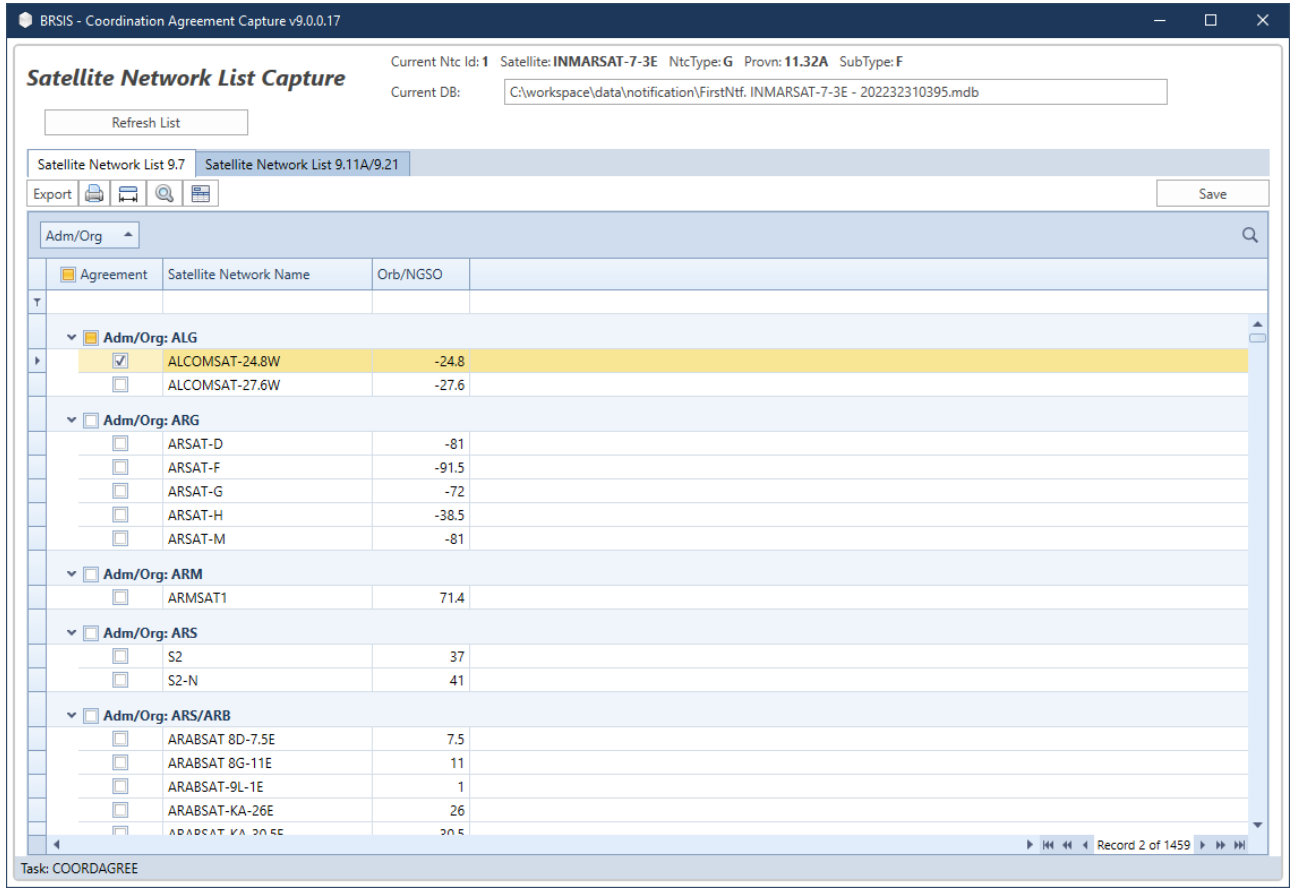
DEMO
Capture of Satellite Network List

Satellite Network List Tool (information is optional)

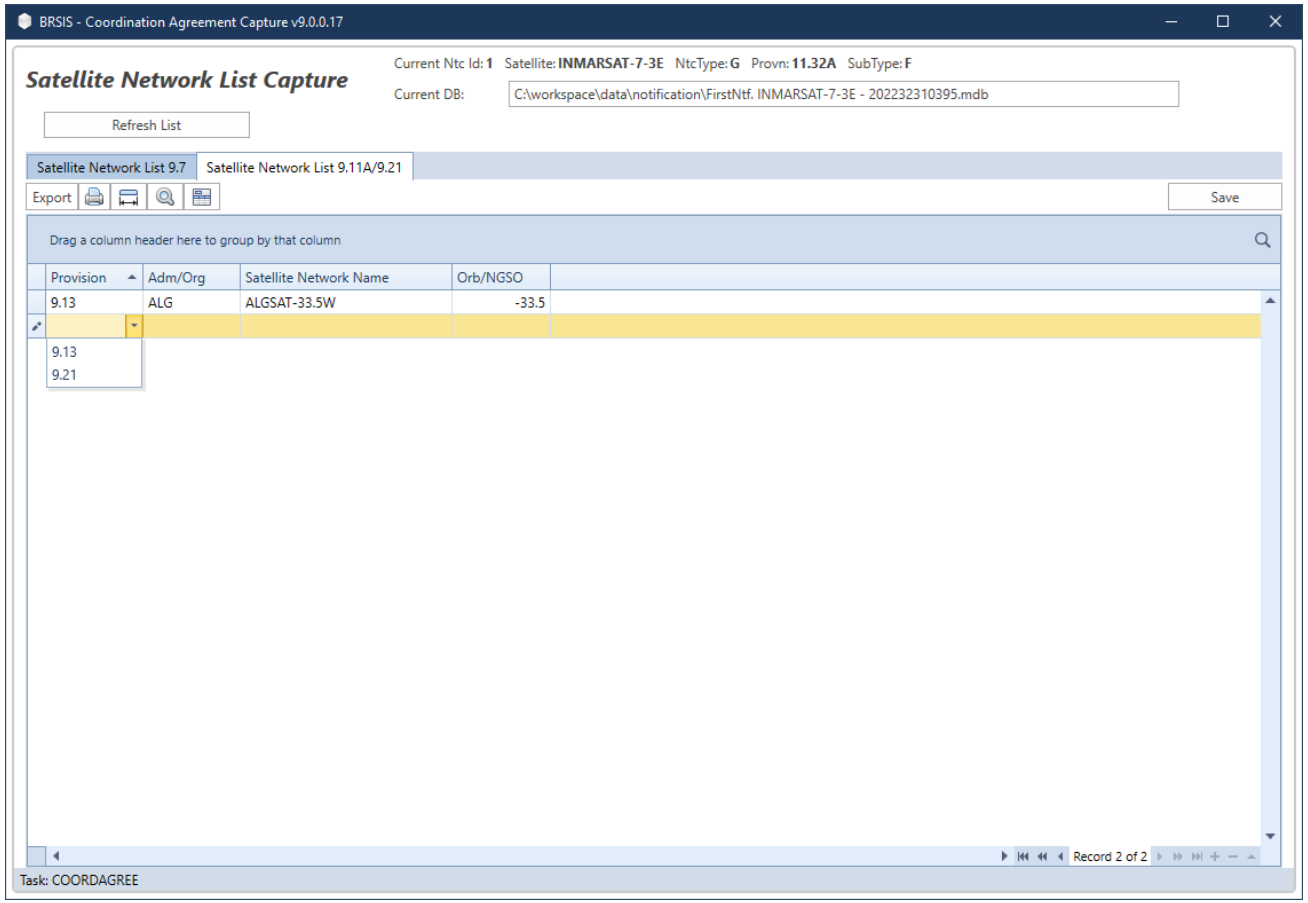


Go to TAB Satellite Network List No 9.7

Select from the list those satellite networks with which coordination was completed



If applicable, go to TAB Satellite Network List No 9.11A/9.21

Select provision and enter Administration and Satellite Network Name

Click Save and Continue with other tasks