30TH WORLD RADIOCOMMUNICATION SEMINAR

24 – 28 October 2022
Geneva, Switzerland

Administrative due diligence: Resolution 49

Dat VO
Space Services Department

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Purpose of Resolution 49

- Current version: Resolution **49 (Rev.WRC-19)**
- Resolution 49 is about administrative due diligence that is applicable to some satellite radiocommunication services (non-Plan and Plan)
- Procedure of the administrative due diligence is contained in Annex 1 of the Resolution.
- Note: for satellite networks or satellite systems of the broadcasting-satellite service in the frequency band 21.4-22 GHz in Regions 1 and 3, see Resolution **552 (Rev.WRC-19)** for procedure.

Applicability of Resolution 49

1. Any satellite network or satellite system of the fixed-satellite service, mobile-satellite service or broadcasting-satellite service with frequency assignments that are subject to coordination under Nos. **9.7**, **9.11**, **9.12**, **9.12A** and **9.13**
2. Any request for modifications of the Region 2 Plan under the relevant provisions of Article 4 of Appendices **30** and **30A** that involve the addition of new frequencies or orbit positions or for modifications of the Region 2 Plan under the relevant provisions of Article 4 of Appendices **30** and **30A** that extend the service area to another country or countries in addition to the existing service area or request for additional uses in Regions 1 and 3 under the relevant provisions of Article 4 of Appendices **30** and **30A**
3. Any submission of information under Article 6 of Appendix **30B (Rev.WRC-19)**, with the exception of submissions of new Member States seeking the acquisition of their respective national allotments for inclusion in the Appendix **30B** Plan

Timeframes for submission of due diligence information – general

- 1a. For any satellite network subject to 1. aforementioned:
  - no later than 30 days following the end of the period established as a limit to bringing into use in No. **11.44** (7 years)
- 2a. For a request for a modification of the Region 2 Plan or additional uses in Regions 1 and 3 under Appendices **30** and **30A** under 2. aforementioned :
  - no later than 30 days following the end of the period established as a limit to bringing into use in accordance with the relevant provisions of Article 4 of Appendix **30** and the relevant provisions of Article 4 of Appendix **30A** (8 years)
- 3a. For administration applying Article 6 of Appendix **30B** under 3. aforementioned :
  - no later than 30 days following the end of the period established as a limit to bringing into use in § 6.1 of that Article (8 years)

Timeframes for submission of due diligence information – launch failure

- For cases related to Appendices **30** and **30A** aforementioned:
  - before the end of the regulatory time-limit (8 years) of § 4.1.3 of Article 4 of Appendix **30/30A**. See § 4.1.3*bis* or § 4.2.6*bis* of Article 4 of Appendix **30/30A** for more details.
- For cases related to Appendix **30B** aforementioned:
  - before the end of the regulatory time-limit (8 years) of § 6.31 of Article 6 of Appendix **30B**. See § 6.31*bis* of Article 6 of Appendix **30B** for more details.
- In addition, updated due diligence information for the new satellite under procurement is to be provided to the Bureau within one year of the request for extension of the regulatory time-limit for bringing into use. Otherwise, the related frequency assignments shall lapse.

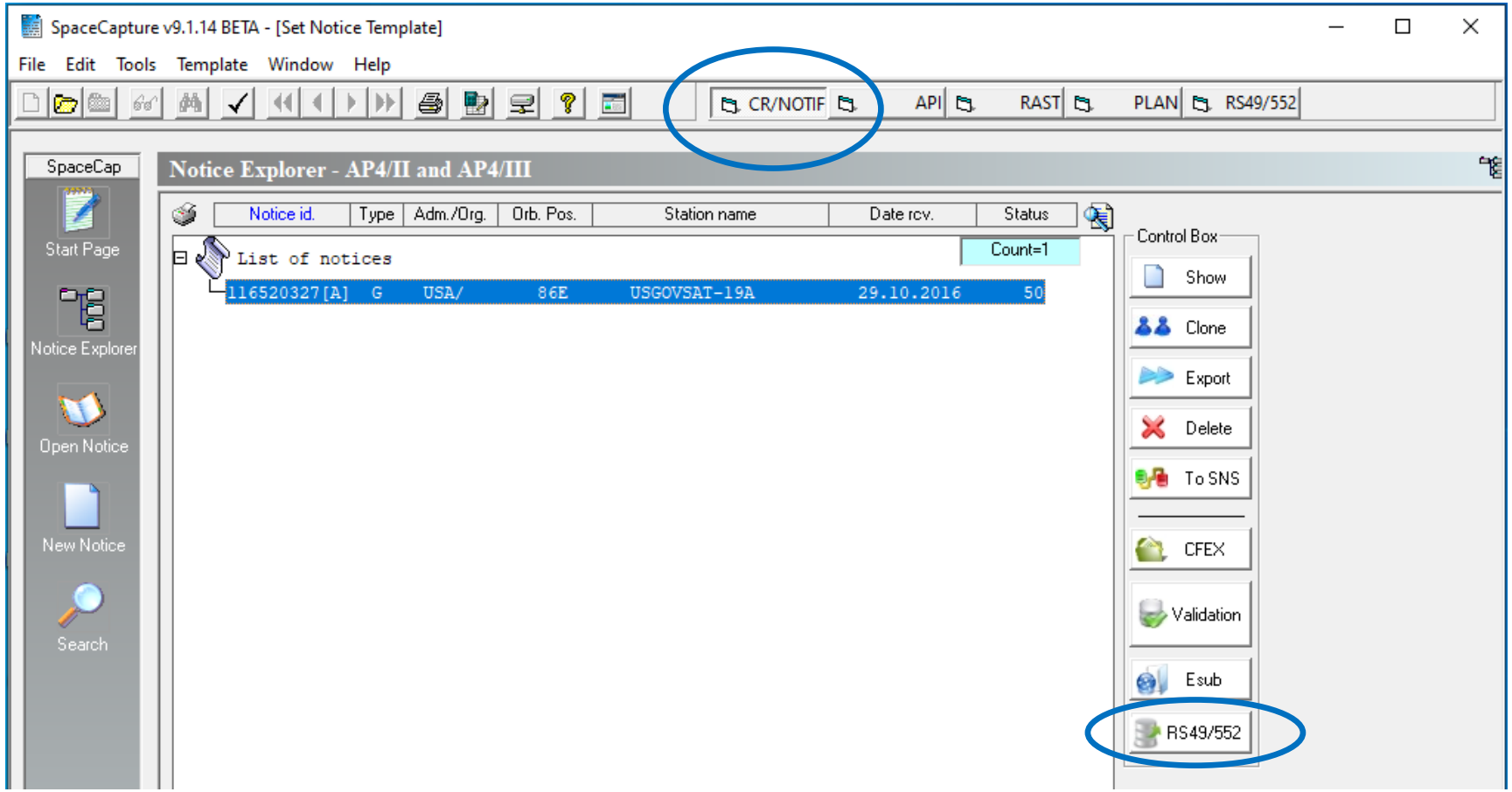
Due diligence information to be submitted to the Bureau

- See details in Annex 2 to Resolution 49.
- The information includes:
  - Identity of the satellite network
    - (e.g. identity of the satellite network and name of the satellite)
  - Spacecraft manufacturer
    - (e.g. name of the spacecraft manufacturer and number of satellites procured)
  - Launch services provider
    - (e.g. name of the launch vehicle provider and launch or in-orbit delivery window)
- The information is to be submitted:
  - in electronic format compatible with Bureau's space software SpaceCap (pursuant to Resolution **55 (Rev.WRC-19)**).
  - via the ITU web interface "e-Submission of satellite network filings" (pursuant to the Rules of Procedure on *Rules concerning the Receivability of forms of notice generally applicable to all notified assignments submitted to the Radiocommunication Bureau in application of the Radio Regulatory Procedures*).

Bureau’s actions

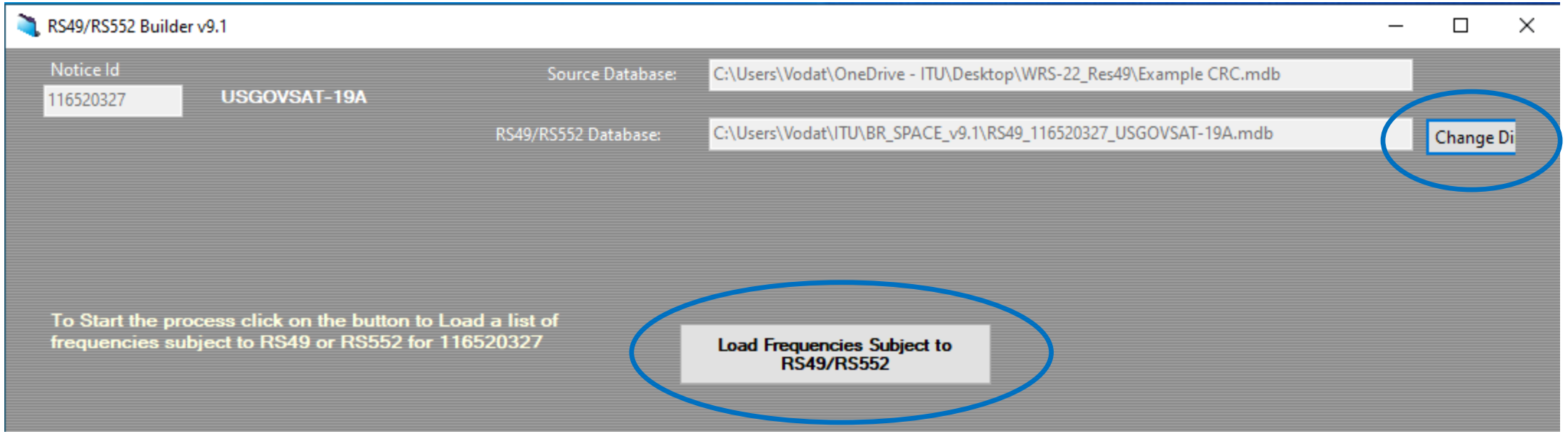
- If the due diligence information submitted:
  - is complete, the Bureau shall publish it in the International Frequency Information Circular (BR IFIC).
  - is incomplete, the Bureau shall request for the missing information.
- If the due diligence information is not submitted 6 months before expiry of the time limits in specified in 1a, 2a and 3a aforementioned, the Bureau shall send a reminder.
- If the due diligence information is not submitted within the time limits in specified in 1a, 2a and 3a aforementioned, the network shall be cancelled from the Master Register or Appendices **30**/**30A**/**30B** Lists or Plan.

Using SpaceCap to prepare due diligence information – select CR/C (or notification)

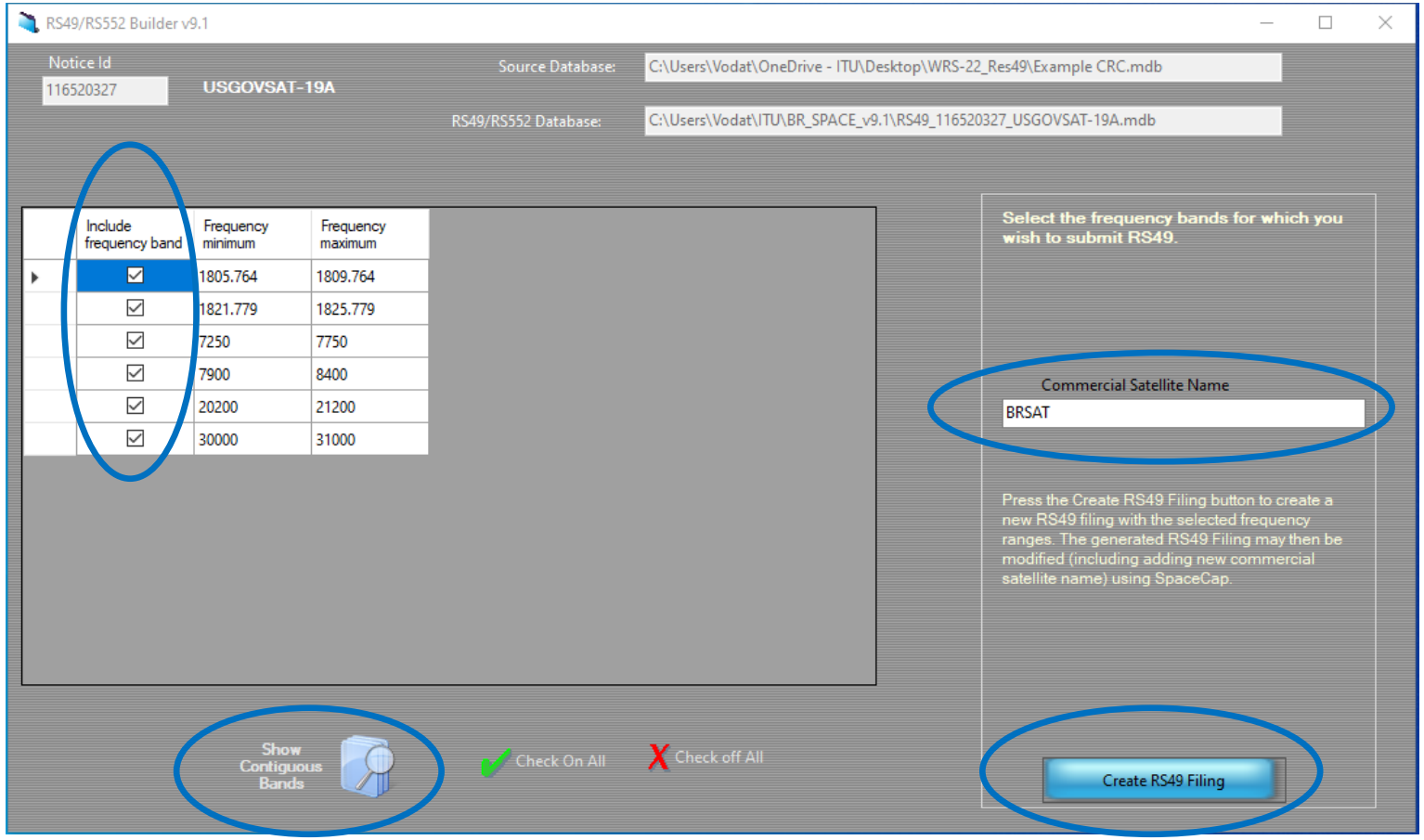


The satellite network used is an example for demonstration purposes only.

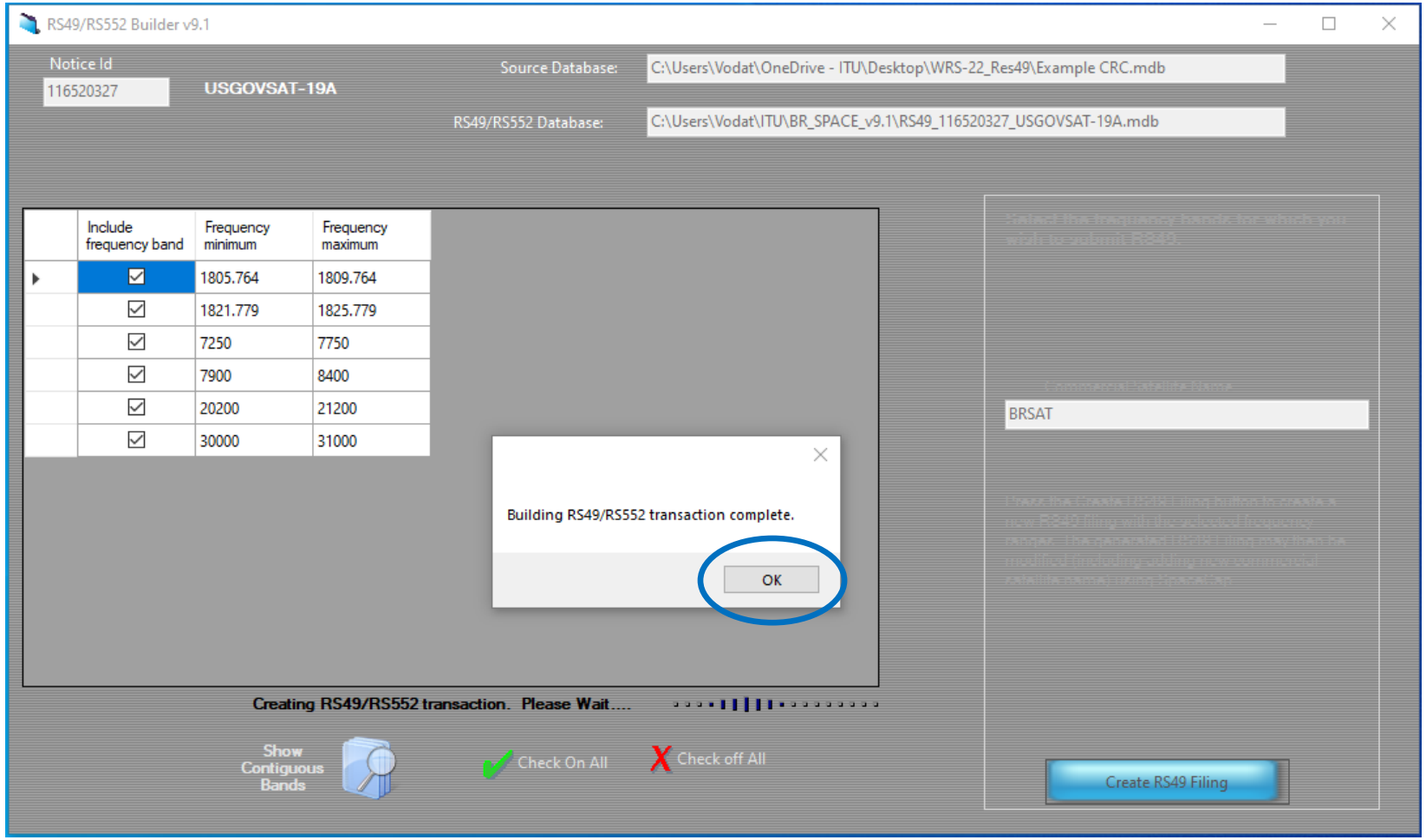
Run the RS49/RS552 Builder tool



Select frequency assignments and enter commercial satellite name



Create the RES49 notice



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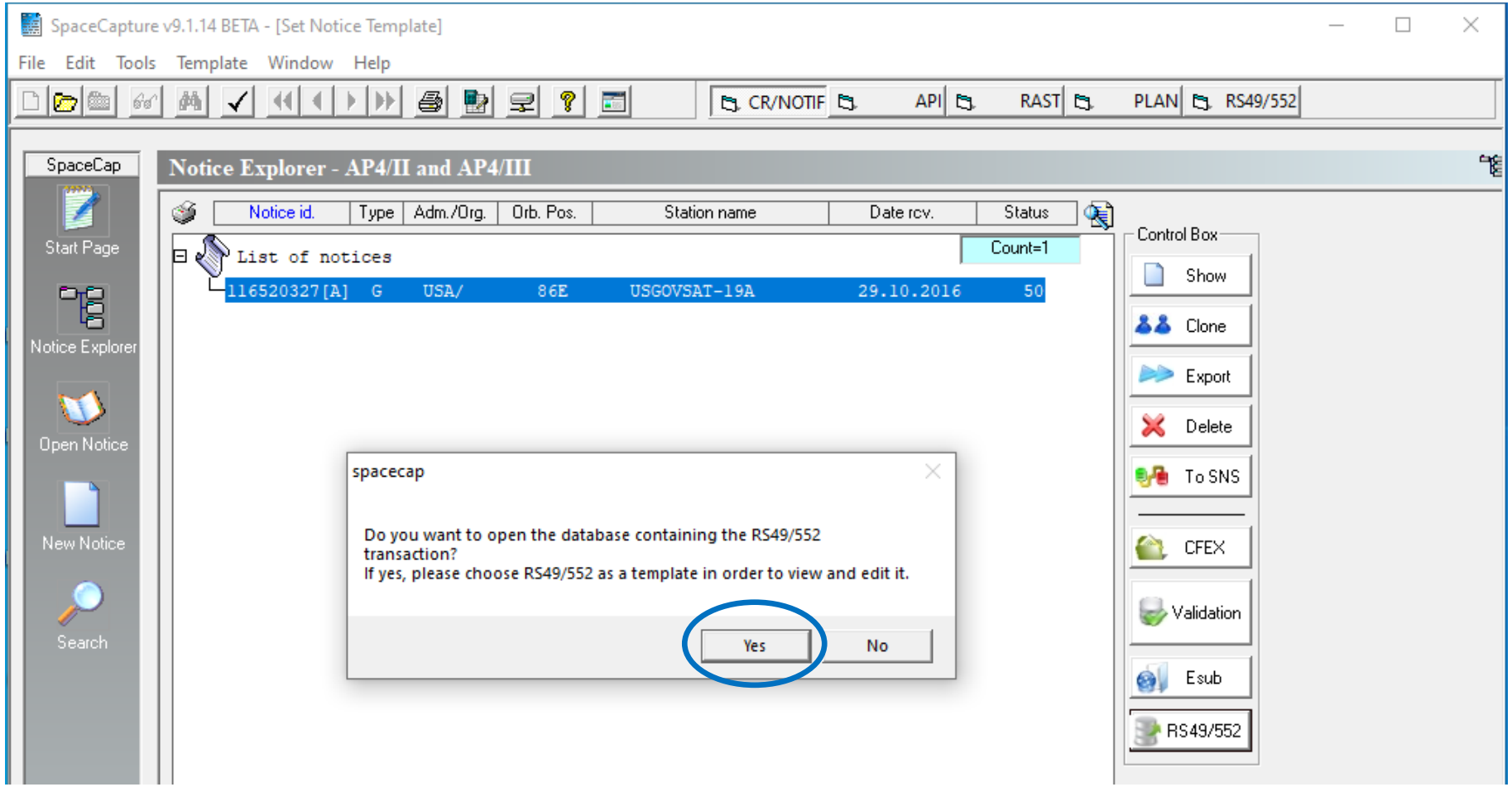
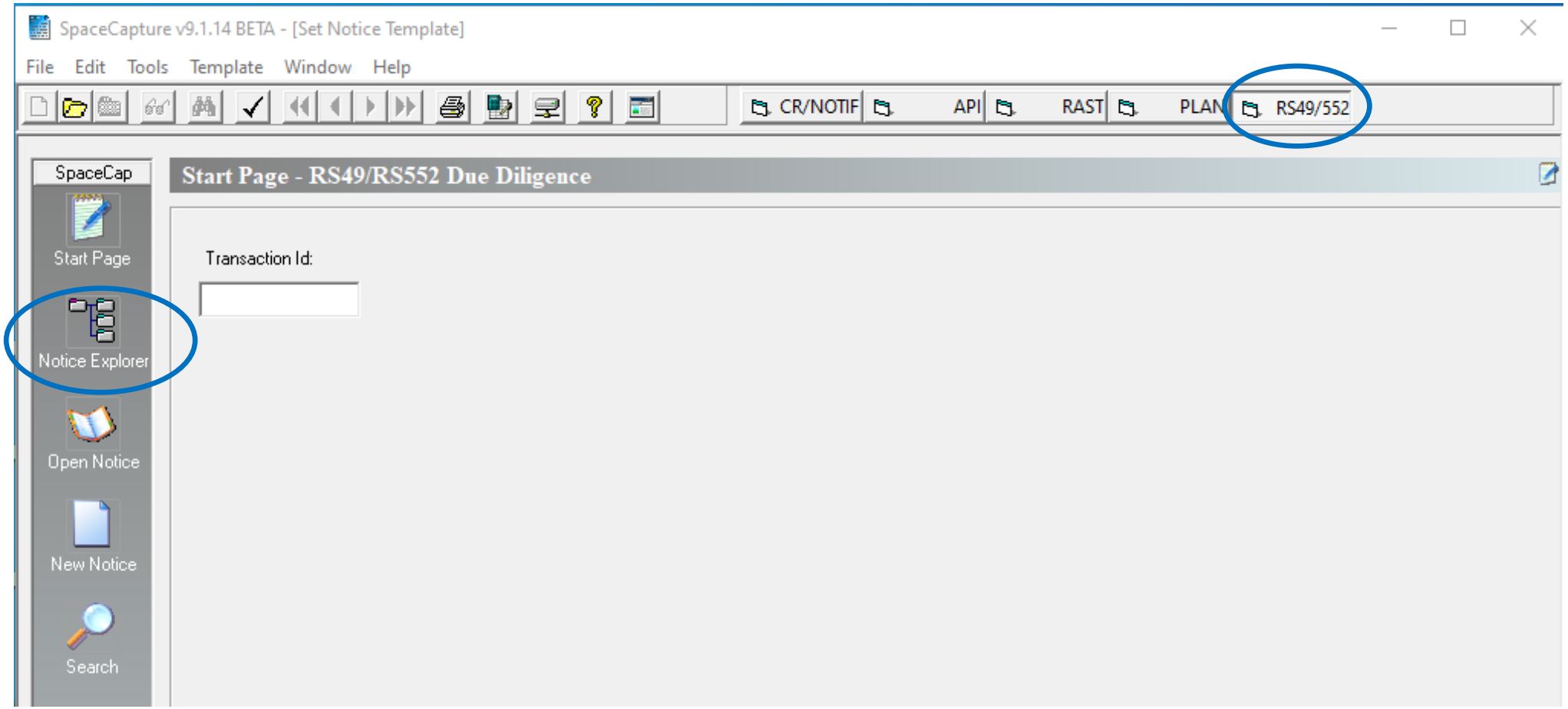
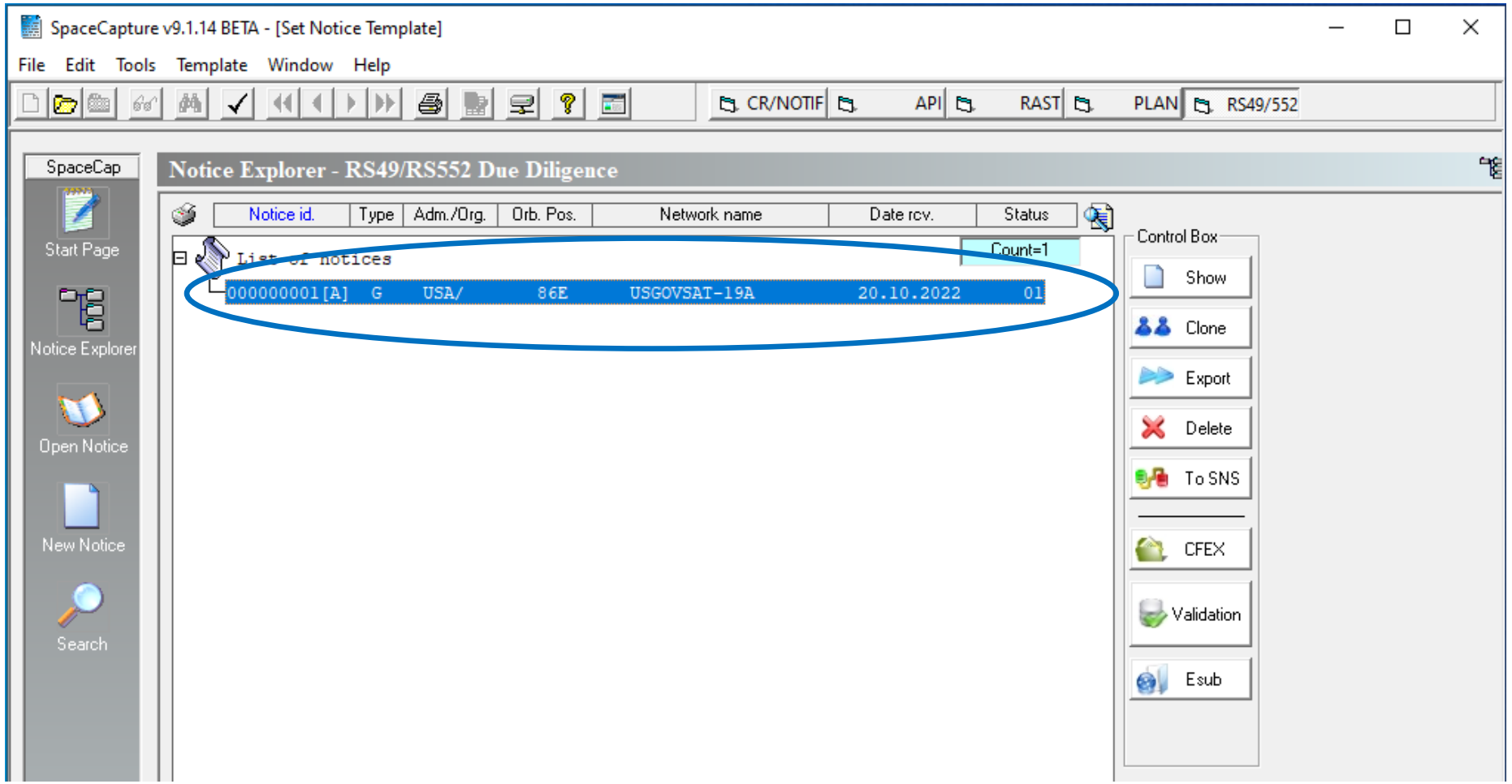
Select to view the RES49 notice (1)



Select to view the RES49 notice (2)



Select to view the RES49 notice (3)



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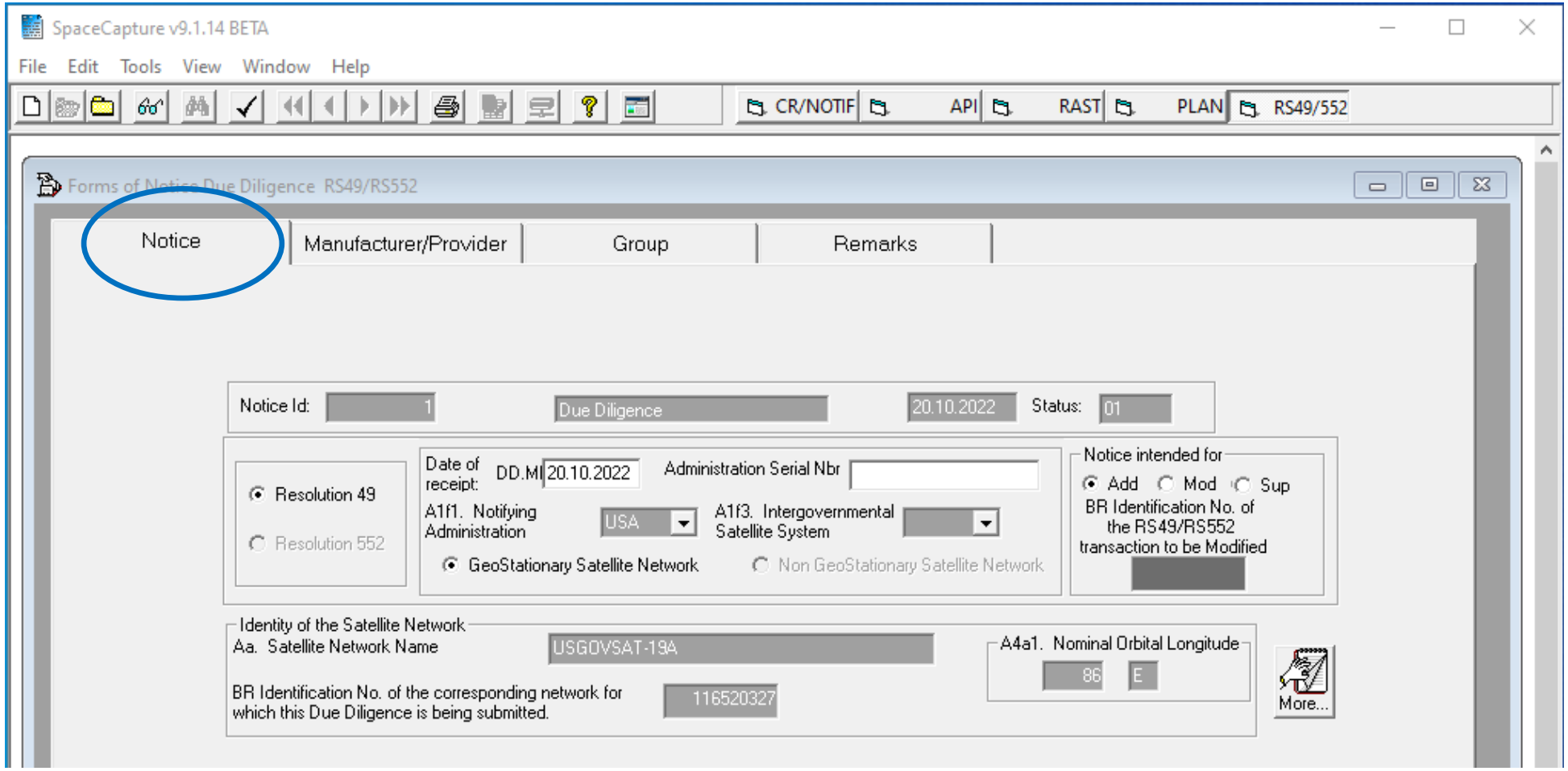
Content of the RES49 notice (1)



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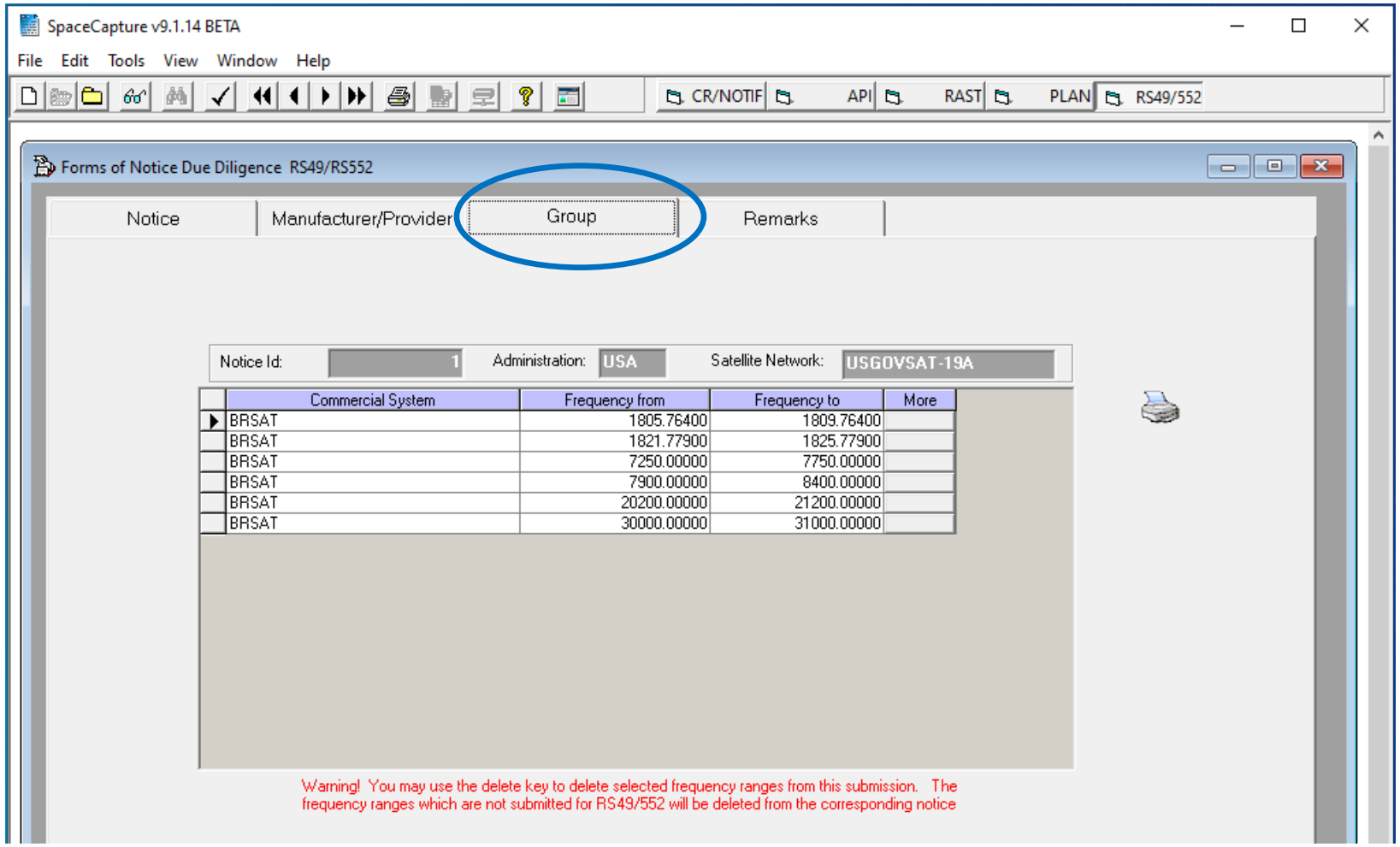

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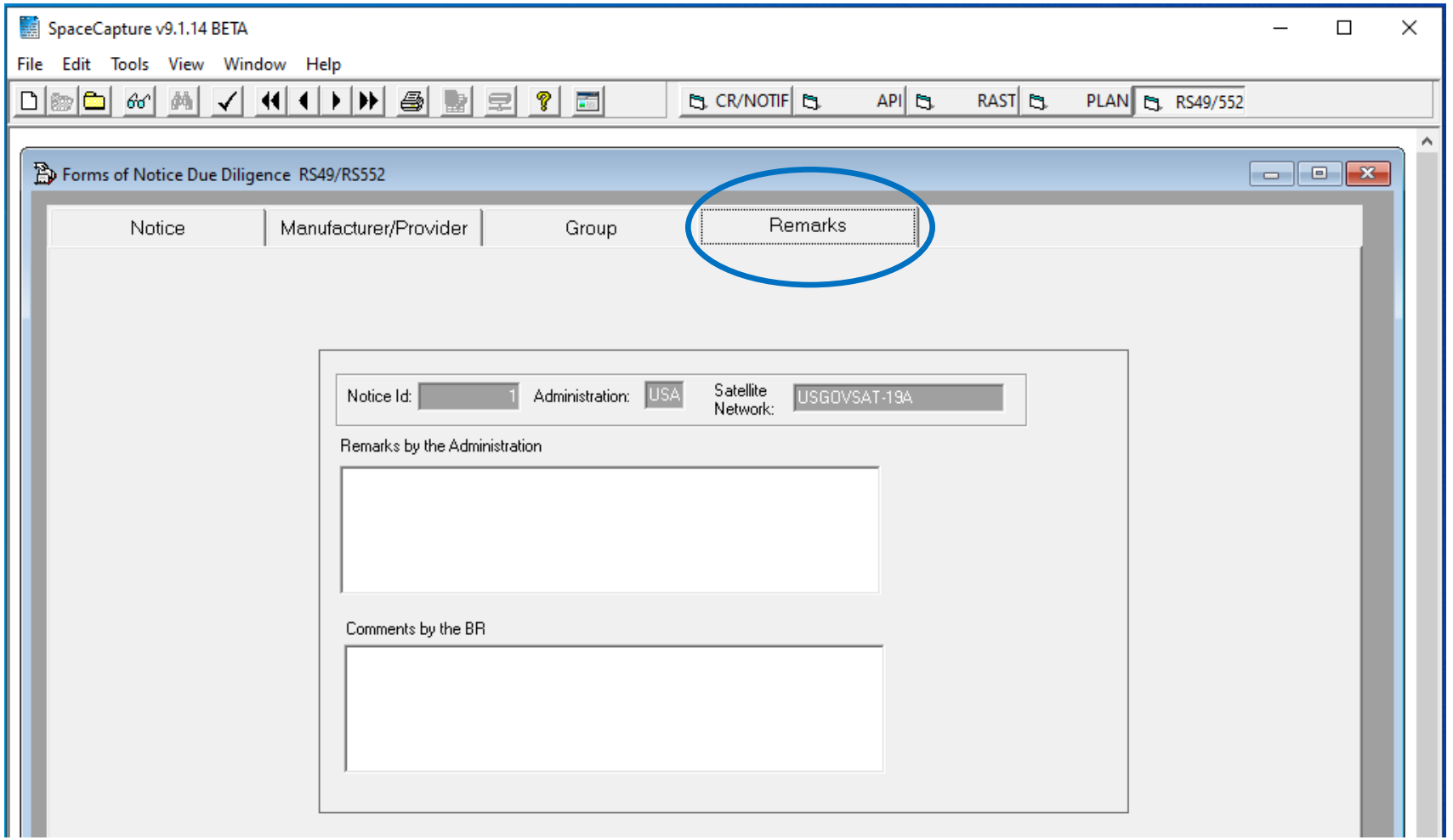

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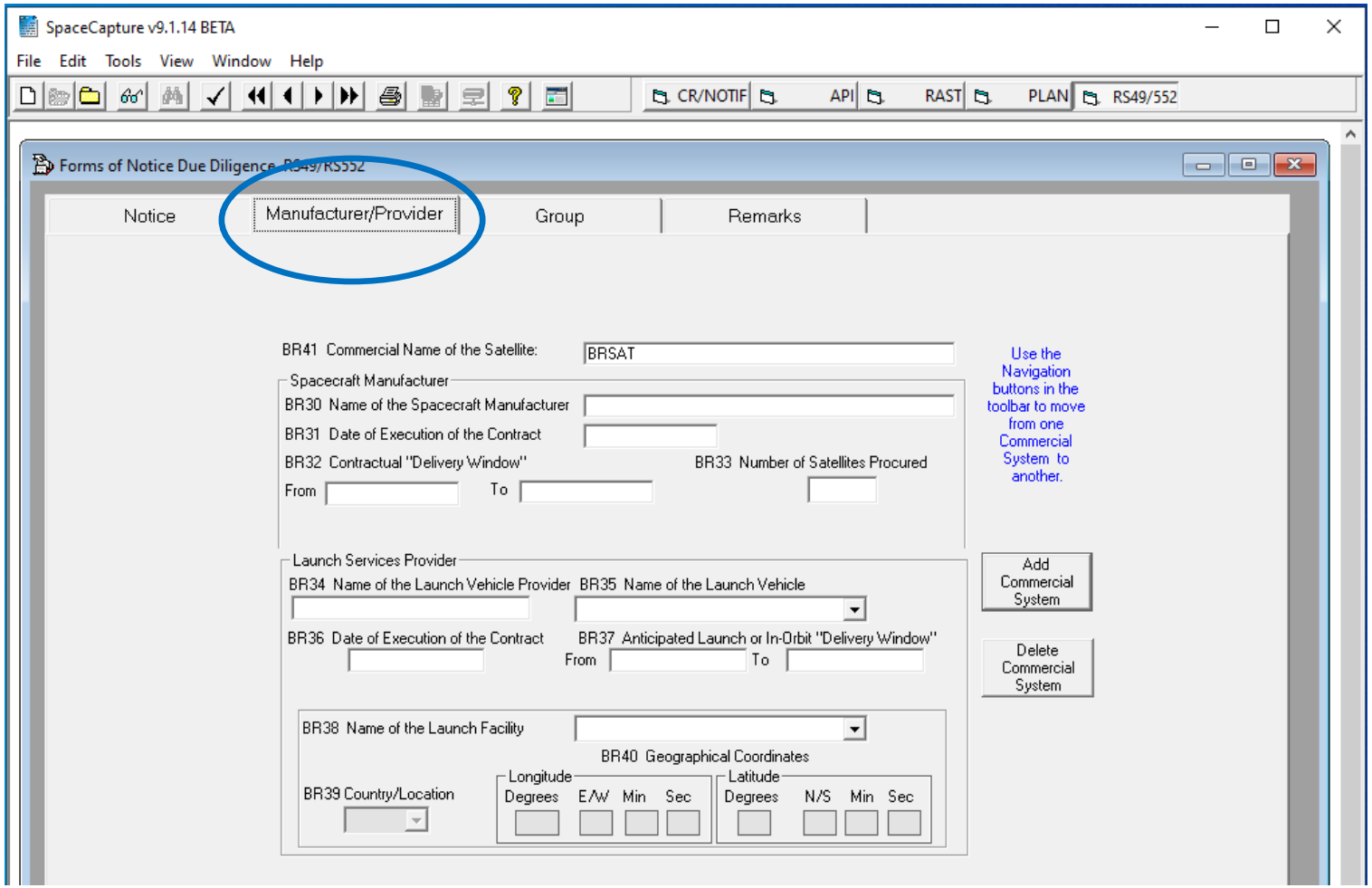
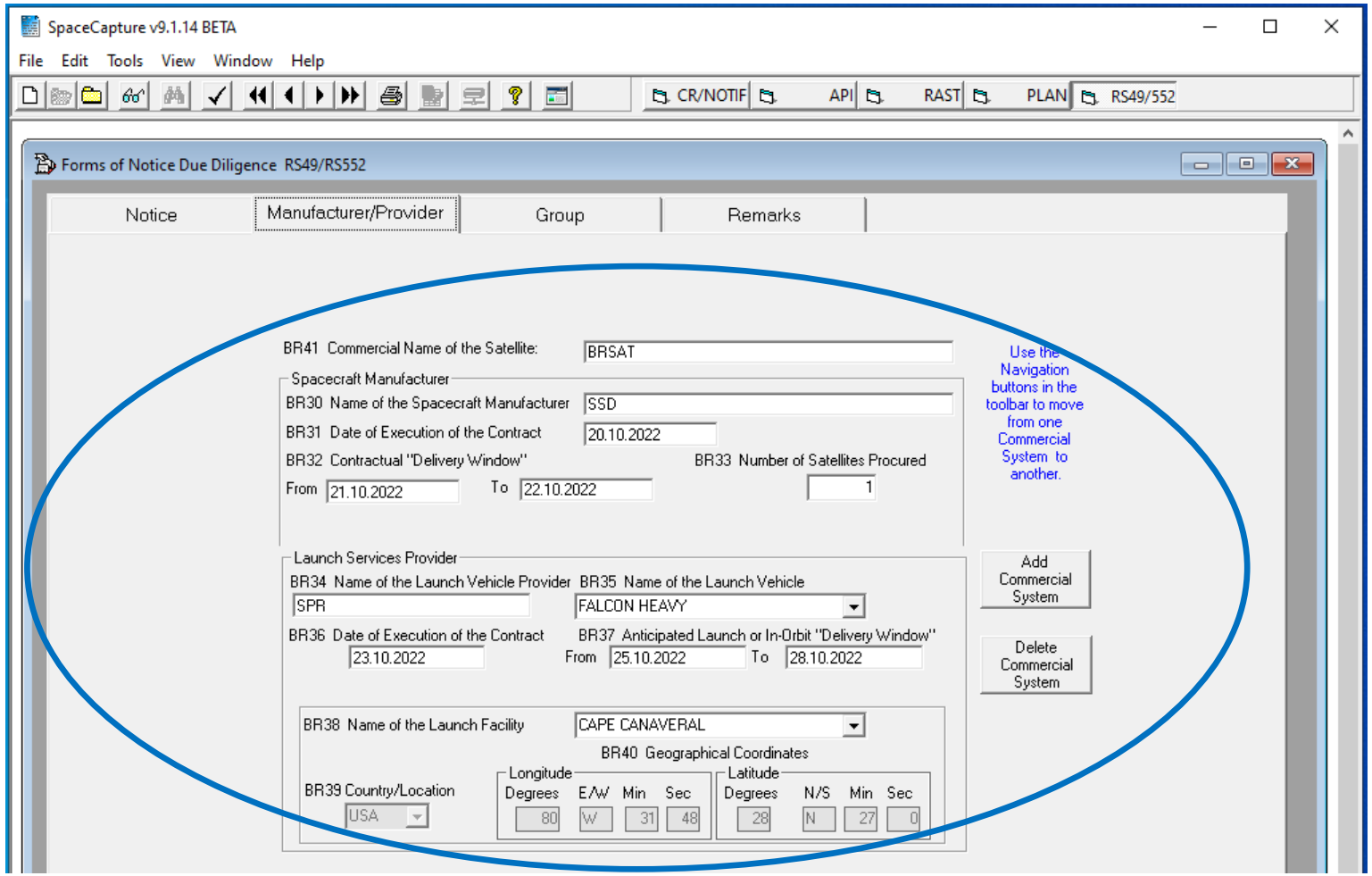
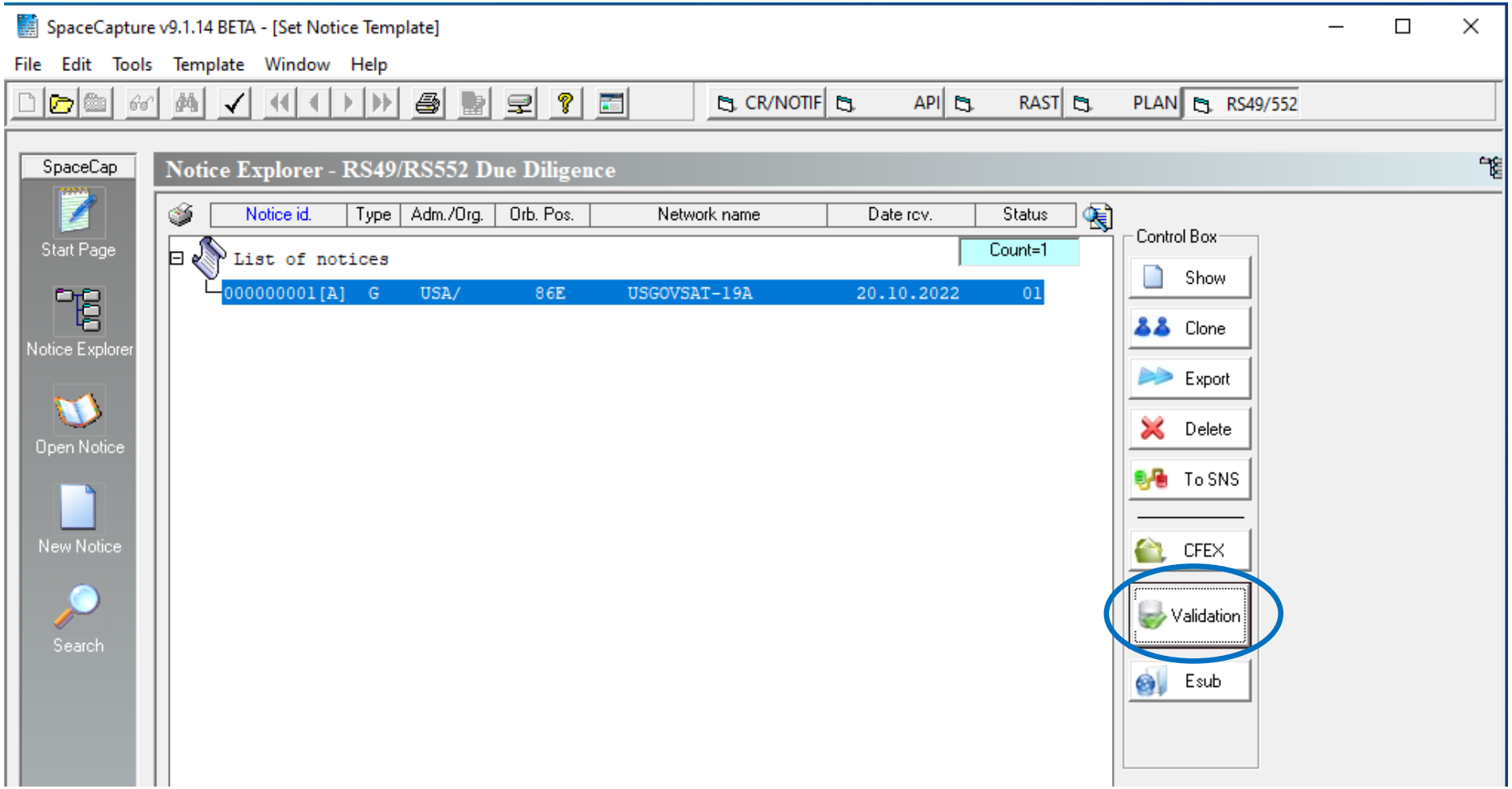


Populate remaining data



Validate the RES49 notice (1)



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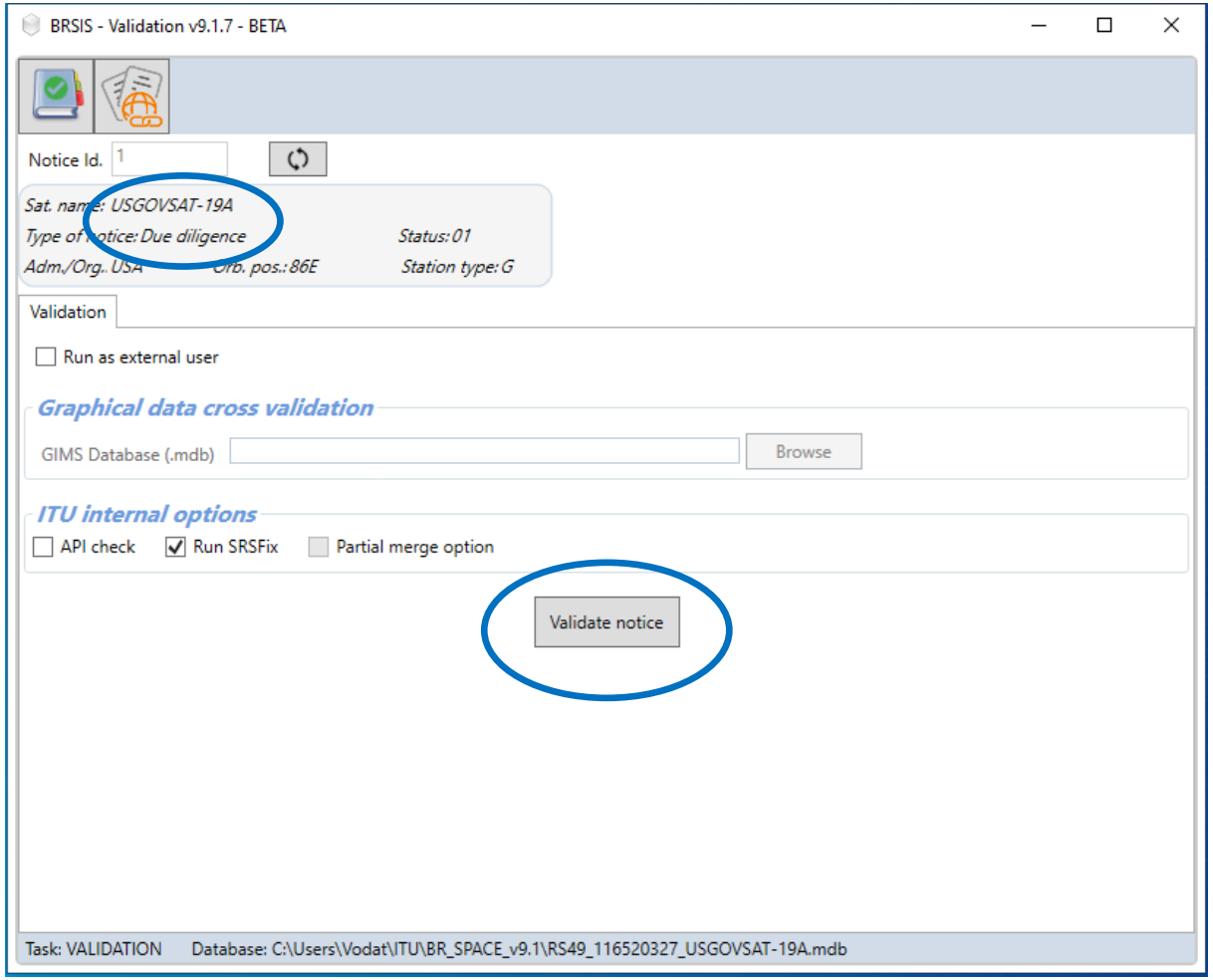

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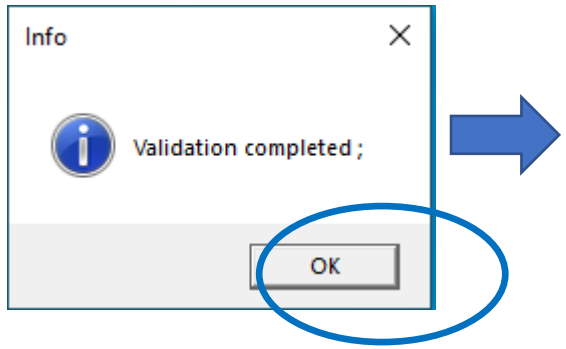

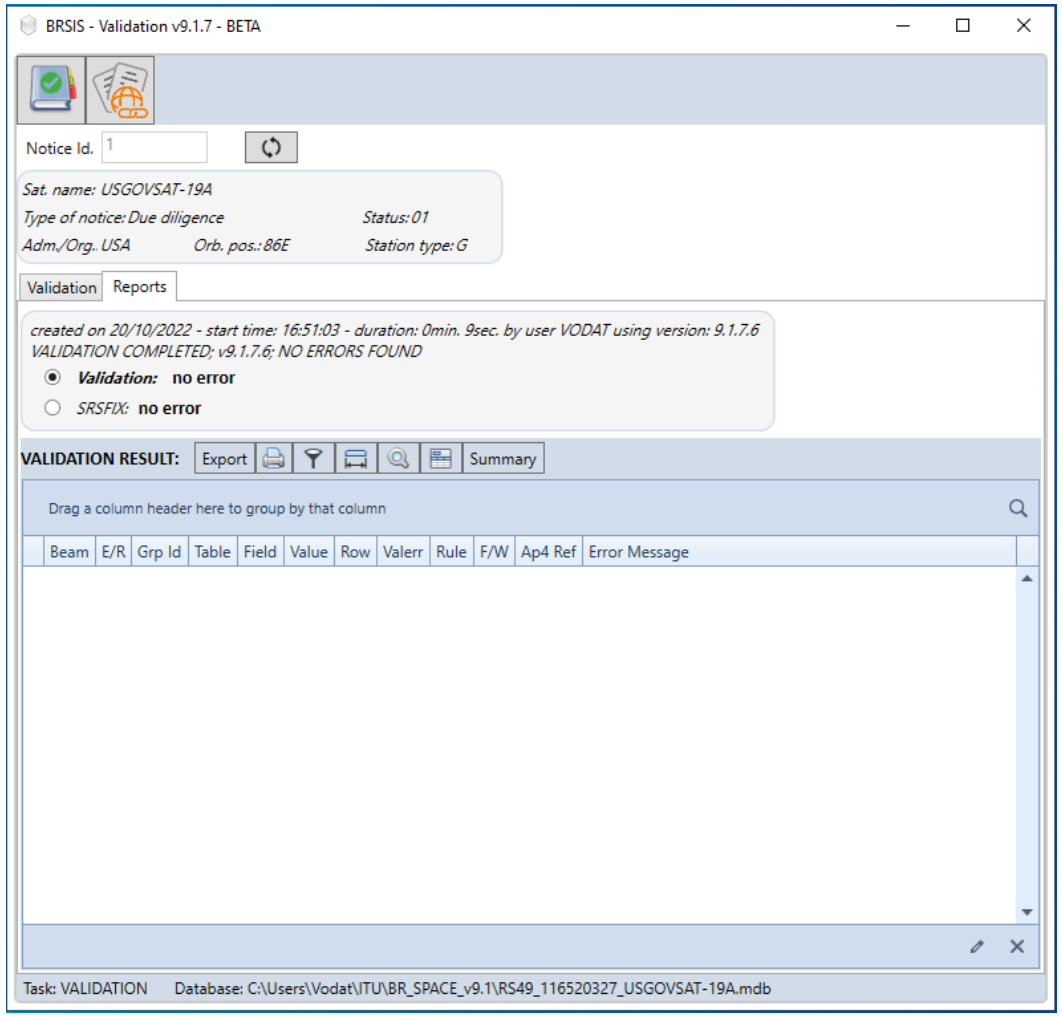

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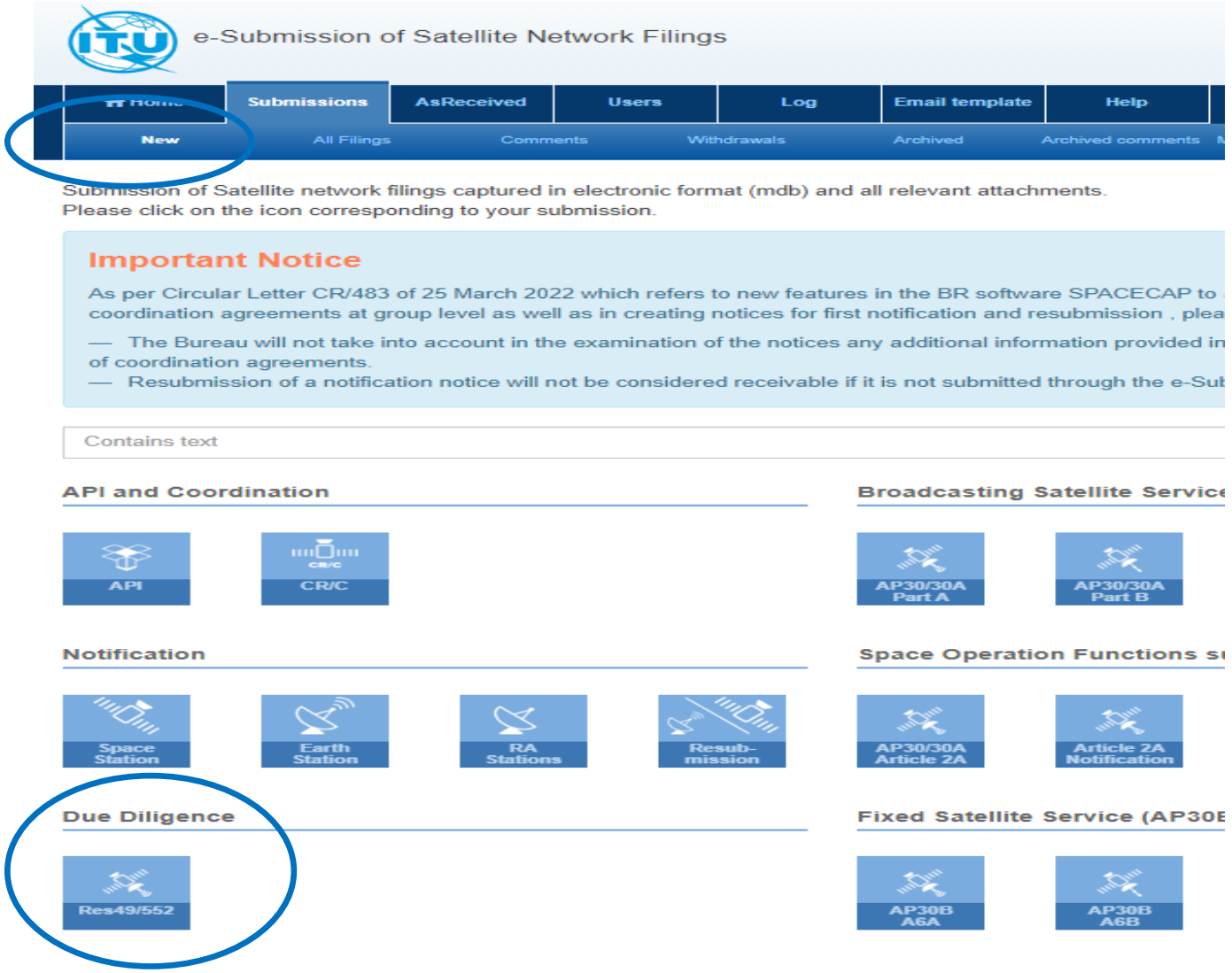
Submit the RES49 notice to the Bureau



Thank you!

ITU – Radiocommunication Bureau

Questions to brmail@itu.int or dat.vo@itu.int