



ADMINISTRATIVE DUE DILIGENCE (RESOLUTION 49)

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Resolution 49

- An administrative due diligence procedure that applies to
 - all satellite network or satellite system of the *fixed-satellite service (FSS), mobile-satellite service (MSS) or broadcasting-satellite service (BSS)* with frequency assignments that are subject to coordination under Nos. 9.7, 9.11, 9.12, 9.12A and 9.13 and Resolution 33
 - submissions under Article 4 of Appendices 30 and 30A
 - 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**
 - Any submission of information under Article 6 of Appendix 30B, with the exception of submissions of new Member States seeking the acquisition of their respective national allotments for inclusion in the Appendix 30B Plan



Modification by WRC-2012

- Resolution 49 does not apply to satellite networks or satellite systems of the broadcasting satellite service in the **21.4-22GHz** band in Regions 1 and 3.
- For those satellite systems of the broadcasting satellite service in the **21.4-22 GHz** band in Regions 1 and 3, the due diligence information requirements are spelt out in Resolution 552 (WRC-2012).



Res 49 Procedure

- Deadline for submission of due diligence information :
 - as early as possible, but must be received by BR before the end of the period established as a limit to bringing into use
 - 7 years from the date of receipt of API for submissions under Article 9
 - 8 years from the date of receipt of Art.4 (Part A) submissions of AP30/30A
 - 8 years from the date of receipt of Art.6 (Part A) submissions of AP30B
- Before a notification for recording in the Master Register can be confirmed as brought into use, the relevant due diligence information must be received by BR
- Six months before expiry of the regulatory period, BR sends a reminder if the information has not yet been received.
- If the complete due diligence information is not received within the specified time limit, the network shall be cancelled from the Master Register or Appendices 30/30A/30B Lists or Plan



Res 49 Procedure

- Upon receipt of due diligence information, BR examine the information for completeness, if information is complete, BR shall publish it in a BR IFIC.
- If a notification is received before the date of bringing into use, the assignments may be recorded provisionally in the MIFR. When the administration then confirms that they have been brought into use, BR will check whether the due diligence has been submitted.
- If a notification is received after the date of bringing into use, BR will check whether the due diligence has been submitted. If not, the notification will not be processed.

RES49 information in the case of launch failure

- **In the case of launch failure** of a satellite subject of the provisions of the Appendices **30/30A/30B** the notifying Administration (in accordance with § 4.1.3*bis* or § 4.2.6*bis* of Article 4 of Appendices **30** and **30A** and § 6.31*bis* of Article 6 of Appendix **30B**) **shall** provide to the Bureau:

Before the end of the regulatory time-limit of 8 years to bringing into use of the subject network

- due diligence information as required in Resolution **49** for the assignment with respect to the satellite that suffered the launch failure (if that information has not already been provided)

*Within one year **after** the launch failure of the subject network*

- updated Resolution 49 information for the new satellite under procurement

Otherwise the related frequency assignments **shall lapse**.



Information required

- Information required for Res 49 is not listed in Appendix 4
- They are listed in Annex 2 to Resolution 49 with the following subsections:
 - A. Identity of the satellite network
 - B. Spacecraft manufacturer
 - C. Launch services provider



Information required (cont)

A. Identity of the satellite network

- a)* Identity of the satellite network
- b)* Name of the administration
- c)* Country symbol
- d)* Reference to the API special section, modification of AP30/30A, or information of Article 6 of AP30B(Rev.WRC-07)
- e)* Reference to the CR/C special section (not applicable for AP30/30A/30B)
- f)* Frequency band(s)
- g)* Name of the operator
- h)* Name of the satellite
- i)* Orbital characteristics



Information required (cont)

B. Spacecraft manufacturer

- a) Name of the spacecraft manufacturer
- b) Date of execution of the contract
- c) Contractual “delivery window”
- d) Number of satellites procured



Information required (cont)

C. Launch services provider

- a) Name of the launch vehicle provider
- b) Date of execution of the contract
- c) Anticipated launch or in-orbit delivery window
- d) Name of the launch vehicle
- e) Name and location of the launch facility



BR Software Tools for Res 49

- BR has created a new tool for creation of due diligence information under Res49 and Res552 called the Res49/552 builder in Spacecap
 - With this tool, all operations for capturing the due diligence information can be made within Spacecap.
 - From the coordination or notification notice, the frequency summary data is first extracted by the tool
 - Only frequency bands that are concerned by Res49 will be extracted
 - User selects the bands he/she wishes to submit the due diligence information
 - Information concerning the spacecraft manufacturer and launch service provider is then captured within SPACECAP
- Please note that the previous tool: Res 49 wizard, will no longer be supported and will soon be removed from Spacecap





New: Res49/552 Builder

The screenshot shows the SpaceCapture V7 application window titled "[Set Notice Template]". The menu bar includes File, Edit, Tools, Template, Window, and Help. The Tools menu is open, displaying a list of options. A red arrow points to the "Create RS49/552" option at the bottom of the menu. The main workspace contains a table with columns for Station name, Date rcv., and Status. A single row is visible with the value "SE-KA-148W" under Station name, "19/02/2014" under Date rcv., and "50" under Status. A "Count=1" label is positioned above the table. On the right side, there is a "Control Box" with several buttons: Show, Clone, Export, Delete, To SNS, CFEX, SpaceVal, Esub, and RS49/552.

Station name	Date rcv.	Status
SE-KA-148W	19/02/2014	50



Where to get the software

- All BR Space software like Spacecap are available from
 - BR IFIC (Space services) DVD-ROM
 - Download from the BR web site
<http://www.itu.int/en/ITU-R/software/Pages/spacecap.aspx>



Receivability

- Resolution 55 (rev. WRC-12) and Rules of Procedure on Receivability
 - Information shall be submitted in electronic format compatible with Spacecap
 - For email submission, a confirmation by telefax or mail is required within 7 days of the date of the email
 - Please note that there is no rules of procedure that provide for 30 days to provide clarification while maintaining original date of receipt
 - *Risk that if due diligence information is received just before the date limit, and if information is found to be not complete, there is no chance to submit the missing information!*
 - Note that that validation of Res49 notice by Spaceval is currently not available
 - *Important to validate the notice manually before submission!*





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Any question?

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A poster for the ITU World Radiocommunication Seminar 2014. The top half features a photograph of a fountain in Geneva, Switzerland, with the city and mountains in the background. The bottom half is a red banner with the ITU logo and text. The text includes the ITU name, the seminar title, dates, location, website, and logos for the 150th anniversary of the ITU (1865-2015) and the ITU World Radiocommunication Conference (WRC-15).

International Telecommunication Union

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WORLD
RADIOCOMMUNICATION
SEMINAR 2014

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