

RESOLUTION 552 (REV.WRC-23)

**Long-term access to and development in the frequency band
21.4-22 GHz in Regions 1 and 3**

The World Radiocommunication Conference (Dubai, 2023),

considering

- a)* that WARC-92 allocated the frequency band 21.4-22 GHz in Regions 1 and 3 to the broadcasting-satellite service (BSS) to be implemented after 1 April 2007;
- b)* that the use of the frequency band since 1992 was subject to an interim procedure in accordance with Resolution **525 (WARC-92, Rev.WRC-03 and Rev.WRC-07)*, 1**;
- c)* that Article 44 of the ITU Constitution sets out the basic principles for the use of the radio-frequency spectrum and the geostationary-satellite (GSO) and other satellite orbits, taking into account the needs of developing countries;
- d)* that a due diligence process was first adopted by WRC-97 with a view to providing, as early as possible, information on the industrial project behind a satellite network submitted to ITU;
- e)* that providing information required under this due diligence process was a prerequisite to qualifying for a two-year extension of the regulatory period to bring into use a satellite network in non-planned bands;
- f)* that WRC-03 decided to remove the two-year extension by setting the regulatory period to bring into use a satellite network in non-planned bands at seven years;
- g)* that data concerning the manufacturer, launch service provider and launch date of a satellite will be more accurate and useful if submitted after the launch of the satellite,

resolves

- 1 that this Resolution applies to GSO networks in the BSS in the frequency band 21.4-22 GHz;
- 2 that, for frequency assignments to satellite networks as described in *resolves* 1 for which confirmation of the date of bringing into use under the provisions of Article **11** was not received by the Radiocommunication Bureau before 18 February 2012 or which were suspended under No. **11.49** at that date, the procedure contained in Annex 1 to this Resolution shall be applied at the time of first bringing into use or when resuming use after a suspension, as appropriate;

* *Note by the Secretariat:* This Resolution was abrogated by WRC-12.

1 Reference to Resolution **525 (WARC-92, Rev.WRC-03 and Rev.WRC-07)** is provided as background information.

3 that, for frequency assignments to satellite networks as described in *resolves* 1 for which confirmation of the date of bringing into use under the provisions of Article 11 was received by the Bureau before 18 February 2012, the provisions of §§ 5 to 8 of Annex 1 to this Resolution shall be applied, as appropriate,

further resolves

that the procedures in this Resolution are in addition to the provisions under Articles 9 and 11,

instructs the Director of the Radiocommunication Bureau

to include in his report to future competent world radiocommunication conferences the results of the implementation of this Resolution.

ANNEX 1 TO RESOLUTION 552 (REV.WRC-23)

1 Within 30 days after the actual commencement, or resumption, of use of the frequency assignments to a satellite network subject to these procedures, the notifying administration shall send to the Radiocommunication Bureau (BR) the information specified in Annex 2 to this Resolution.

2 The information to be submitted in accordance with § 1 above shall be signed by an authorized official of the notifying administration.

3 If the spacecraft is used for the first time under this Resolution, the due diligence information to be submitted in accordance with § 1 above could be supplemented by a copy of the contract with the launch service provider.

4 On receipt of the information under § 1 above, BR shall promptly examine its completeness. If the information is found to be complete, BR shall publish the complete information in a special section of its International Frequency Information Circular (BR IFIC) within two months. If the information is found to be incomplete, BR shall request the notifying administration to submit the missing information within 30 days.

5 The information submitted in accordance with § 1 above shall be updated and resubmitted to BR by the notifying administration not later than 30 days after the end of life or the relocation of the spacecraft associated with the submission under § 1 above. In the case of end of life of a spacecraft, the corresponding ITU ID number associated with such a spacecraft shall no longer be used.

6 On receipt of the information under § 5 above, BR shall promptly examine its completeness. If the information is found to be complete, BR shall publish the complete information in a special section of the BR IFIC within two months. If the information is found to be incomplete, BR shall request the notifying administration to submit the missing information within 30 days.

7 If the complete information specified in § 1 and 5 above is not received by BR within the time-limits specified in § 1, 4, 5 and 6 above, BR shall immediately inform the notifying administration and take appropriate measures under § 8, if required.

8 Within 30 days after the end of the seven-year period following the date of receipt by BR of the relevant complete information under No. **9.30**, and after the end of the three-year period following the date of suspension under No. **11.49**, if the complete information under this Resolution is not yet received by BR, the corresponding frequency assignments shall be cancelled by BR, which subsequently informs the administration accordingly.

ANNEX 2 TO RESOLUTION 552 (REV.WRC-23)

Information to be submitted

- 1 Identity of the satellite network
 - a)* Identity of the satellite network
 - b)* Name of the notifying administration
 - c)* Orbital characteristics
 - d)* Reference to the request for coordination
 - e)* Reference to the notification, when available
 - f)* Frequency band(s) included in the relevant special sections of the satellite network
 - g)* First date of bringing into use²
 - h)* Regulatory status
 - Satellite network under operation (only data listed in § 2 shall be provided) or
 - Satellite network suspended (only data listed in § 3 shall be provided)
- 2 Identity of the spacecraft³ (if satellite network filing is under operation)
 - a)* ITU ID number or
 - b)* Spacecraft manufacturer
 - Name of the spacecraft manufacturer
 - Date of execution of the contract
 - Delivery date

² This information has already been provided by the administration under the provisions of Article **11** and will be inserted by BR.

³ If data about the spacecraft are submitted for the first time under this Resolution, items “Spacecraft manufacturer”, “Launch service provider” and “Frequency band(s) present on board the spacecraft” shall be provided. Otherwise, if data about the spacecraft were already submitted under this Resolution, the ID number (based on the ITU filing number) given by BR to this spacecraft at that time shall be indicated.

- c)* Launch service provider
- Name of the launch vehicle provider
 - Date of execution of the contract
 - Name of the launch vehicle
 - Name and location of the launch facility
 - Launch date
- d)* Frequency band(s) present on board the spacecraft (i.e. frequency bands for each transponder that are able to be transmitted by a transponder located on board the spacecraft within the frequency band 21.4-22 GHz)
- 3 Suspension information (if satellite network filing is suspended)
- a)* Date of suspension⁴
- b)* Reason for suspension:
- Spacecraft moved to another orbital position, or
 - In-orbit failure of the spacecraft, or
 - Spacecraft de-orbited,
 - Other reasons (to be specified).

⁴ This information has already been provided by the administration under the provisions of Article 11 and will be inserted by BR.