

RESOLUTION 559 (WRC-19)

Additional temporary regulatory measures following the deletion of part of Annex 7 to Appendix 30 (Rev.WRC-15) by WRC-19

The World Radiocommunication Conference (Sharm el-Sheikh, 2019),

considering

- a) that some national assignments, especially those of developing countries in the Regions 1 and 3 Plan, have equivalent downlink protection margin (EPM) values in Appendix 30 (Rev.WRC-15) equal to or below -10 dB;
- b) that implementation of a national assignment in the Regions 1 and 3 Plan with an EPM equal to or below -10 dB would be difficult;
- c) that any modification of orbital position and other parameters of a national assignment in the Appendix 30 Plan would require a corresponding modification of the orbital position and other parameters in the Appendix 30A feeder-link Plan,

recognizing

- a) that Article 44 of the ITU Constitution stipulates that: “In using frequency bands for radio services, Member States shall bear in mind that radio frequencies and any associated orbits, including the geostationary-satellite orbit, are limited natural resources and that they must be used rationally, efficiently and economically, in conformity with the provisions of the Radio Regulations, so that countries or groups of countries may have equitable access to those orbits and frequencies taking account the special needs of the developing countries and the geographical situation of particular countries”;
- b) that Resolution 71 (Rev. Dubai, 2018) of the ITU Plenipotentiary Conference includes the ITU strategic plan for 2020-2023, which contains, as one of the strategic objectives of the ITU Radiocommunication Sector: “Meet, in a rational, equitable, efficient, economical and timely way, the ITU membership’s requirements for radio-frequency spectrum and satellite-orbit resources, while avoiding harmful interference”,

resolves

1 that, as of 23 March 2020 and for a period until 21 May 2020, the special procedure outlined in the Attachment to this Resolution shall be applied in respect of submissions of Region 1 and 3 administrations under § 4.1.3 of Appendices 30 and 30A in Regions 1 and 3 meeting the specified requirements in § 1 of the Attachment to this Resolution at an orbital position within orbital arcs for which the Annex 7 to Appendix 30 (Rev.WRC-15) limitations were suppressed by this conference; and those submissions sent before 23 March 2020 shall be returned to the administration;

2 that submissions received by the Radiocommunication Bureau (BR) in accordance with *resolves* 1 shall be considered as received by BR on 21 May 2020;

3 that, as of 23 November 2019 and for a period until 21 May 2020, all submissions under § 4.1.3 of Appendices **30** and **30A** in Regions 1 and 3 not meeting the specified requirements in § 1 of the Attachment to this Resolution at an orbital position within orbital arcs for which the Annex 7 to Appendix **30 (Rev.WRC-15)** limitations were suppressed by this conference shall be considered as received by BR on 22 May 2020,

instructs the Director of the Radiocommunication Bureau

1 to identify the administrations that meet the conditions of § 1 of the Attachment to this Resolution and inform these administrations accordingly;

2 at the request of administrations identified in *instructs the Director of the Radiocommunication Bureau* 1 which have the intention to apply the procedure indicated in this Resolution, to assist and advise them in complying with the conditions described in the Attachment to this Resolution, including the identification of appropriate new orbital positions and frequency channels.

ATTACHMENT TO RESOLUTION 559 (WRC-19)

Additional temporary regulatory measures following the deletion of part of Annex 7 to Appendix 30 (Rev.WRC-15) by WRC-19

1 The special procedure described in this Attachment can only be applied once by an administration with:

- a) no frequency assignments submitted on its own behalf and either included in the List or for which complete Appendix 4 information has been received by the Radiocommunication Bureau (BR) in accordance with the provisions of § 4.1.3 of Appendix **30**; and
- b) an assignment in the Regions 1 and 3 Plan of Appendix **30** when the equivalent downlink protection margin (EPM) value corresponding to a test point of its national assignment in the Regions 1 and 3 Plan is equal to or below -10 dB for at least 50% of the total number of EPM values of the assignment in the Regions 1 and 3 Plan in Appendix **30**.

2 Administrations seeking to apply this special procedure shall submit their request to BR, with the information specified in § 4.1.3 of Appendices **30** and **30A**, which shall include, in particular:

- a) in the cover letter to BR, the information that the administration requests the use of this special procedure together with the name of the Plan assignments for which the conditions defined in § 1 above are met;
- b) a service area limited to the national territory as defined in the relevant BR software application;
- c) a set of a maximum of 20 test points inside the national territory;
- d) a minimal ellipse determined by the set of test points submitted in c) above using the relevant BR software application. An administration may request BR to create such a diagram;

- e)¹ a maximum ten² consecutive odd or even channels with standard Appendix **30** assigned frequencies in the same polarization for a Region 1 administration or twelve consecutive odd or even channels with standard Appendix **30** assigned frequencies in the same polarization for a Region 3 administration with a bandwidth of 27 MHz;
- f) a corresponding submission for the Appendix **30A** feeder-link Plan in compliance with the principles defined in items b), c), d) and e) above.

3 Upon receipt of the complete information from an administration sent under § 2 above, BR shall process the submissions in date order in accordance with Article 4 of Appendices **30** and **30A**.

4 The notifying administration shall request subsequent world radiocommunication conferences to consider the inclusion of these assignments in the Appendices **30** and **30A** Plans as a replacement of its national assignments appearing in the Plans, pursuant to § 4.1.27 of Article 4 of Appendices **30** and **30A**. Under this Resolution, footnotes 10 and 12 associated with § 4.1.27 of Article 4 of Appendices **30** and **30A**, respectively, are not applicable.

¹ In case of a submission for the Appendix **30A** feeder-link Plan in the 14 GHz frequency band, the maximum of ten² channels for a Region 1 administration or twelve² channels for a Region 3 administration with a bandwidth of 27 MHz could be in different polarizations.

² This maximum number of channels shall not be greater than the number of channels contained in the assignment referred in § 1 of the Attachment to this Resolution.

