

RESOLUTION 610 (REV.WRC-19)

**Coordination and bilateral resolution of technical compatibility issues for
radionavigation-satellite service networks and systems in the frequency bands
1 164-1 300 MHz, 1 559-1 610 MHz and 5 010-5 030 MHz**

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

considering

- a)* that WRC-2000 decided to allocate the frequency bands 1 164-1 215 MHz, 1 260-1 300 MHz and 5 010-5 030 MHz to the radionavigation-satellite service (RNSS) (space-to-Earth) (space-to-space) in addition to the frequency bands 1 215-1 260 MHz and 1 559-1 610 MHz that have already been allocated to the RNSS;
- b)* that this conference established conditions for the protection of the aeronautical radionavigation service from RNSS systems in the frequency band 1 164-1 215 MHz, for the protection of radiodetermination services from RNSS systems in the frequency band 1 215-1 300 MHz, and for the protection of the radio astronomy service in the frequency band 4 990-5 000 MHz from RNSS systems in the frequency band 5 010-5 030 MHz;
- c)* that, to date, RNSS systems have been able to resolve intersystem technical compatibility issues on a bilateral basis under Section I of Article 9, without the need for imposition of the coordination procedures of Section II of Article 9, however, in recent years, there has been an increase in the number of RNSS systems and networks filed with the Radiocommunication Bureau (BR);
- d)* that this conference has decided to apply, in the frequency bands mentioned in *considering a)*, the coordination provisions of Nos. 9.12, 9.12A and 9.13 to RNSS systems and networks for which complete coordination or notification information, as appropriate, is received by BR after 1 January 2005, and the provisions of No. 9.7 already apply to geostationary-satellite networks in the RNSS;
- e)* that it is necessary to have a basis for administrations with RNSS systems that are not subject to Nos. 9.12, 9.12A and 9.13 to engage in bilateral coordinations to resolve intersystem technical compatibility issues within the RNSS;
- f)* that it is desirable, in order to reduce burdens on administrations operating or planning RNSS systems or networks, to conduct bilateral coordinations between RNSS systems and networks that are either in operation or that are actually in the process of being implemented,

resolves

1 that, for administrations planning to operate RNSS systems subject to coordination under Nos. 9.7, 9.12, 9.12A and/or 9.13 in the frequency bands mentioned in *considering a)*, if an administration with which coordination is requested responds to the request under No. 9.52, the requesting administration shall, during the process of coordination and upon request by the responding administration, inform the responding administration (with a copy to BR) whether it has met the criteria listed in the Annex to this Resolution with respect to the subject network or system;

RES610-2

2 that administrations responding under No. **9.52** to a request for coordination under Nos. **9.7**, **9.12**, **9.12A** and/or **9.13** in the frequency bands mentioned in *considering a)*, shall, during the process of coordination mentioned in *resolves 1* and upon request by the requesting administration, inform the requesting administration (with a copy to BR) whether it has met the criteria listed in the Annex to this Resolution with respect to the subject network or system;

3 that administrations operating or planning to operate RNSS systems in the frequency bands mentioned in *considering a)*, which systems are not subject to coordination under Section II of Article **9**, shall take all practicable steps to resolve issues of intersystem compatibility on a bilateral basis;

4 that, in undertaking the obligations under *resolves 3* above, administrations operating or planning to operate RNSS systems or networks should first address intersystem compatibility between RNSS systems or networks that are actually in operation or are in the process of being implemented;

5 that, for the application of *resolves 4* above, an RNSS system or network that has satisfied the criteria listed in the Annex to this Resolution with respect to the subject network or system would be considered to be actually in the process of being implemented;

6 that when notifying BR under No. **11.47** that a frequency assignment to station(s) in the RNSS in the frequency bands mentioned in *considering a)* has been brought into use, the notifying administration, if it has not already done so, shall inform BR whether it has met the criteria listed in the Annex to this Resolution;

7 that implementation of this Resolution shall be conducted in such a way as to promote the principle of equality and fairness in ensuring access for RNSS operators and planned RNSS systems in the above-referenced frequency bands,

instructs the Radiocommunication Bureau

to provide, on request, assistance to administrations operating or planning to operate RNSS systems in the frequency bands mentioned in *considering a)* above, which systems are not subject to coordination under Section II of Article **9**, in securing bilateral agreements with other RNSS systems as early as possible.

ANNEX TO RESOLUTION 610 (REV.WRC-19)

Criteria for the application of Resolution 610 (Rev.WRC-19)

- 1 Submission of appropriate Coordination Request information.
- 2 Entry into satellite manufacturing or procurement agreement, and entry into satellite launch agreement.

The RNSS system or network operator should possess:

- i) clear evidence of a binding agreement for the manufacture or procurement of its satellites;
and
- ii) clear evidence of a binding agreement to launch its satellites.

The manufacturing or procurement agreement should identify the contract milestones leading to the completion of manufacture or procurement of satellites required for the service provision, and the launch agreement should identify the launch date, launch site and launch service provider. The notifying administration is responsible for authenticating the evidence of agreement.

The information required under this criterion may be submitted in the form of a written commitment by the responsible administration.

- 3 As an alternative to satellite manufacturing or procurement and launch agreements, clear evidence of guaranteed funding arrangements for the implementation of the project would be accepted. The notifying administration is responsible for authenticating the evidence of these arrangements.

