

ITUEvents

1st ITU Inter-regional information session (IRIS) on WRC-27 Preparations

**3 - 5 December 2025
Geneva, Switzerland**

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#ITUWRC**

WRC-27 agenda item 1.6

**Equitable access to FSS in
Q/V bands**

***Mr. Mandla Mchunu
Chair, ITU-R WP 4A SWG AI 1.6***



Resolution 131 (WRC-23) resolves:

- to study the technical and regulatory measures for FSS satellite networks/systems in the frequency bands 37.5-42.5 GHz (space-to-Earth), 42.5-43.5 GHz (Earth-to-space), 47.2-50.2 GHz (Earth-to-space) and 50.4-51.4 GHz (Earth-to-space), or portions thereof, for equitable access, while ensuring the protection of existing primary services to which the band is allocated in the same and adjacent bands, taking into account the specific needs of developing countries:
 - without adversely affecting those services, specifically the operation of the satellite networks and systems in the bands;
 - without changing measures to protect terrestrial services from unacceptable interference

Status of studies: WP 4A October 2025

Draft CPM Text

- ([4A/830, Annex 13](#)) is addressing the GSO networks at this stage, though there is an indication that the input contributions to future WP4A will contain proposals on how to address the NGSO systems.

Views

- Some proponents strongly believe that the 7-year regulatory deadline places developing countries at a disadvantage as they face various resource constraints
- Others believe that the “first come first served” concept in Articles 9 and 11 has demonstrated the efficient use of the geostationary orbit/spectrum resource, and that moving away from this approach would upend the Radio Regulations without providing a viable alternative.

Methods Under Discussion

- Method A – No Change (supported by USA)
- Method B – Adoption of a new Resolution (supported by Asiasat, China and CEPT to an extent)
 - Resolution would provide preferential treatment to administrations or groups of named administrations for submissions having no GSO satellite network or non-GSO satellite system with overlapping frequency bands in the Master International Frequency Register (MIFR) or more than one submission under coordination in overlapping frequency bands
 - The integrity of already processed satellite networks and systems is respected
 - No retroactive actions will be taken in respect of these
 - There will be no need for the Bureau to re-process already processed satellite networks and systems

Methods Under Discussion

- Method C – Adoption of a draft new Resolution (supported by ATU countries)
 - The aim of this method is to promote equitable access in line with the objectives of this agenda item
 - Avoids a priori planning exercises previously applied to the BSS and FSS Plans
 - Resolution developed on the basis of the principles of Resolution 553 (WRC-23)
 - The deficiencies, shortcomings and obstacles encountered in Resolution 553 have been addressed to effectively enhance the equitable access
 - Furthermore, certain special needs of developing countries, as recognized in Article 44 of the ITU Constitution, have also been taken into account.
 - Integrity of already processed satellite networks is respected, and no retroactive actions will be taken in respect of these.
 - No need for the Bureau to re-process already processed satellite networks.

Methods Under Discussion

- Multi-Country contribution (Montenegro, Croatia, Serbia Bosnia)
 - Revision of Method B or introduction of new Method with differentiated preferential regulatory treatment for GSO and NGSO FSS
 - Special procedure for GSO FSS networks shall be based on principles of Resolutions 170 and 553 as starting points, but
 - preferential treatment to administration entitled to rights for minimum one national GSO not subject of 7-year period deadline for BIU
 - participation in rights for minimum one multinational GSO that is subject of 7-year period of BIU.
- Procedures regarding NGSO FSS, should be complementary to Articles 9 and 11 of the Radio Regulations, intended to balance divergent objectives such as
 - equal rights and equal opportunities
 - meaningful coexistence between systems
 - management of aggregate interference and protection of orbital environment.

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THANK YOU

***Mr. Mandla Mchunu
Chair, ITU-R WP 4A SWG AI 1.6
mmchunu@icasa.org.za***

