

## RECOMMENDATION ITU-R S.1254

**BEST PRACTICES TO FACILITATE THE COORDINATION PROCESS  
OF FIXED-SATELLITE SERVICE SATELLITE NETWORKS**

(Question ITU-R 230/4)

(1997)

The ITU Radiocommunication Assembly,

*considering*

- a) that in the process of coordinating satellite systems, certain practices have led to successful and timely coordination results;
- b) that in the process of coordinating satellite systems, certain practices have led to delays and unnecessary expenses in the coordination process,

*recommends*

- 1 that the coordination best practices contained in Annex 1 be used to the maximum extent possible;
- 2 that the approaches listed in Annex 2 be avoided to the maximum extent possible.

## ANNEX 1

**Current best practices to facilitate the coordination process  
of fixed-satellite service satellite networks**

- Exchanging accurate and up-to-date satellite and service parameters on a regular and timely basis (exchange design parameters at the earliest possible time, update information to the Radiocommunication Bureau as soon as it is available).
- Obtaining multi-administration agreements on parameters which would facilitate coordination.
- Uniform satellite spacing arrangements in segments of the orbital arc where practical.
- Designing satellite networks taking into account interference.
- Using band segmentation (see Recommendation ITU-R S.742).
- Use of digital modulation where practical.

## ANNEX 2

**Practices which hamper the coordination process**

- Attempting to commence the coordination of satellites prior to knowledge of service parameters.
  - Extensive warehousing of orbital slots for future use.
  - Delaying the coordination process.
  - Use of unnecessarily interference sensitive and interference causing system design.
  - Assigning FM-TV carriers to frequencies without regard to operational conventions.
  - Over-protection of assignment by publishing parameters with excessive margins.
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