

## RECOMMENDATION 100 (REV.WRC-03)

**Preferred frequency bands for systems using tropospheric scatter**

The World Radiocommunication Conference (Geneva, 2003),

*considering*

- a)* the technical and operational difficulties pointed out by Recommendation ITU-R F.698 in the frequency bands shared by tropospheric scatter systems, space systems and other terrestrial systems;
- b)* the additional allocation of frequency bands made by WARC-79 and WARC-92 for the space services in view of their increasing development;
- c)* that the Radiocommunication Bureau requires administrations to supply specific information on systems using tropospheric scatter in order to verify compliance with certain provisions of the Radio Regulations (such as Nos. **5.410** and **21.16.3**),

*recognizing nevertheless*

that, to meet certain telecommunication requirements, administrations will wish to continue using tropospheric scatter systems,

*noting*

that the proliferation of such systems in all frequency bands and particularly in those shared with space systems is bound to aggravate an already difficult situation,

*recommends that administrations*

- 1 for the assignment of frequencies to new stations in systems using tropospheric scatter, take into account the latest information prepared by ITU-R to ensure that systems established in the future use a limited number of certain frequency bands;
- 2 in frequency assignment notifications to the Bureau, indicate expressly whether they relate to stations of tropospheric scatter systems.