

**PCC.III/REC.43 (XII-99)<sup>1</sup>**

**USE AND SHARING OF 1610-1626.5 MHZ FREQUENCY BANDS FOR THE  
SMS/NOSG**

The XIIth Meeting of Permanent Consultative Committee III: Radiocommunications,

**CONSIDERING:**

- (a) That the Member States of CITEL have in recent years been receiving requests for permits, concessions, or licenses to provide SMS/NOSG on the 1610-1626.5 MHz frequency band;
- (b) That regulations in effect should not be an obstacle for the development of SMS/NOSG networks;
- (c) That use of the equipment employed in SMS/NOSG networks with the different types of access technology requires technical parameters to minimize the risks of harmful interference and to optimize the use of the radio spectrum;
- (d) That WRC-95 allocated the 1610-1626.5 MHz frequency band as follows:
  - 1) On a primary basis, the 1610-1613.8 MHz band is allocated to mobile satellite services (earth-space), radio astronomy, radio navigation for aviation, and radiodetermination by satellite;
  - 2) On a primary basis, the 1613.8-1626.5 MHz band is allocated to mobile satellite services (earth-space), radio navigation systems for aviation, and radiodetermination satellite services, and on a secondary basis, to mobile satellite services (space-earth);
- (d) That the International Telecommunications Union, through its Radiocommunications Regulations and Radiocommunications Research Committees, established the resolutions and recommendations to develop and ensure the adequate operation of SMS/NOSG networks;

**RECOMMENDS TO CITEL MEMBER STATES:**

- 1. To consider allocating the frequencies and frequency bands associated with MSS/NGSO, that are in compliance with the notification procedures established in Regulation S9.11A formerly Resolution 46 (Rev.WRC-95), and related provisions of ITU Radio Regulations.
- 2. To take into account appropriate protection of other services also allocated in this band on a co/primary basis.
- 3. To design the equipment used by the MSS/NGSO networks with the various types of access technology to comply with the appropriate ITU Regulation related to out of band emissions,

---

<sup>1</sup> Reference: PCC.III/doc.1186/99 rev.1.

to avoid interference harmful to other MSS/NGSO networks that operate in the 1610-1626.5 MHz frequency band.