

**RESTRICTIONS TO THE USE OF 3625-3700 MHz AND 5850-5925 MHz BANDS BY
THE TRACKING, TELEMETRY AND COMMAND (TT&C) SIGNALS**

The XX Meeting of Permanent Consultative Committee III: Radiocommunications,

CONSIDERING:

- a) That the number of satellite networks announced on Ka band and others has increased greatly;
- b) That many of these networks plan to use C band for their tracking, telemetry and command (TT&C) signals;
- b) That the orbital arc is highly congested with increasingly narrower orbital spacing and coordination of the satellite networks is increasingly more difficult;
- c) That VSAT technologies have been of great importance for CITEL Member States' telecommunication development;
- d) That incentives must be provided for using new technologies and antennas with smaller apertures;
- e) That each CITEL Member Country has its own unique characteristics and therefore may have different needs, and
- f) That there are already specific coordination procedures between satellite networks in the ITU,

TAKING INTO ACCOUNT:

- a) The extensive utilization of 3625 - 3700 MHz and 5850 – 5925 MHz bands by VSAT technologies in some countries;
- b) The extensive use of the 3600-3700 MHz by other services as the radiolocalization service throughout Region 2,

RECOMMENDS:

That CITEL Member States planning to use these frequency bands for tracking, telemetry and command (TT&C) signals for their satellite networks in the higher frequency bands, principally on the Ka band, use effective spectrum management techniques in order to facilitate the use of those bands by VSAT networks.