

PCC. III/RES. 76 (XI-98)¹

**BROADBAND WIRELESS SYSTEMS IN THE FIXED SERVICE OPERATING
BANDS ABOVE 20 GHZ**

The Eleventh Meeting of Permanent Consultative Committee III: Radiocommunications:

CONSIDERING:

- a) That many CITEL countries are implementing broadband wireless systems in frequency bands above 20 GHz;
- b) That broadband wireless systems can be characterized as high density fixed systems, using considerable bandwidth in the order of 100-1000 MHz, to provide a range of telecommunication services to residential and business customers;
- c) That broadband wireless systems may operate in a number of fixed service frequency bands and include Local Multipoint Distribution/Communication Systems (26, 28, 29, 31 GHz bands), and point-to-point and point-to-multipoint (24 and 38 GHz bands) systems;
- d) That the implementation of broadband wireless systems by Member States can offer alternate broadband, multimedia distribution including video, telephony and data to residential and business subscribers;
- e) The need to ensure that there is an opportunity for new broadband wireless applications in the Americas taking into account efficient use of the frequency spectrum and interference free operation of this service.

RECOGNIZING:

- a) That advantages can be gained by having information regarding broadband wireless technologies and implementation strategies for use by the Member States of CITEL;
- b) That Recommendation PCC.III/REC.35 (IX-97), Local Multipoint Distribution/Communication Systems (LMDS/LMCS) Operating at Frequencies Around 27 GHz recommends, inter alia, criteria for harmonizing the use of spectrum for LMDS/LMCS in the region;
- c) That the objective and the terms of reference of Resolution PCC.III/RES. 35 (V-96) remain included in the present Resolution.

RESOLVES:

1. To broaden the studies conducted by the working group of Local Multipoint Distribution/Communication Systems established by Resolution PCC.III/35 (V-96), to include various aspects of the implementation of broadband wireless systems in the fixed service operating in frequency bands above 20 GHz in the Americas.

¹ Reference: PCC.III-1136/98 rev.2.

2. To confirm Argentina as chair of this working group; and Brazil as vice-chair.
3. To establish the terms of reference as follows:
 - a) To develop recommendations for the harmonization of spectrum usage for broadband wireless systems in the fixed service operating in frequency bands above 20 GHz by the CITEL members;
 - b) To provide information concerning implementation of different broadband technologies and services;
 - c) To prepare guidelines, where necessary, for the implementation of these broadband wireless systems in the Americas.
1. To change the name of the working group of Local Multipoint Distribution/Communication Systems to “Broadband Wireless Systems in the Fixed Service Operating in Frequency Bands above 20 GHz.”.
2. To repeal Resolution PCC.III/RES. 35 (V-96).

