

LOW POWER RADIO DEVICES GENERAL OPERATING CONDITIONS

The XIIth Meeting of Permanent Executive Committee III – Radiocommunications,

CONSIDERING:

- (a) That a number of CITEL administrations have made provisions for low power radio devices to operate within their national boundaries;
- (b) That a number of Questions are being studied within the ITU-R relating to the operation of low power radio devices;
- (c) That low power radio devices are license-exempt devices in some CITEL administrations, and
- (d) That PCC.III/REC.33(IX-97), “Technical and Procedural Framework for Low Power PCS in the use of 1910-1930 MHz Band” recommended a technical and procedural framework that CITEL Member States could adopt to ensure coexistence among systems operating in the same band and in the same geographic area,

RECOGNIZING:

- (a) That Administrations may authorize low power radio devices to operate in frequency bands which are allocated to other radio services and to industrial, scientific and medical (ISM) applications.
- (b) That the ITU Radio Regulations S1.169 defines harmful interference as:

Interference which endangers the functioning of a radionavigation service or of other safety services or seriously degrades, obstructs, or repeatedly interrupts a radiocommunication service operating in accordance with these Regulations (CS).
- (c) That the ITU Radio Regulations, S4.4 allows administrations to assign frequencies to stations in derogation of the Table of Frequency Allocations on the express condition that such a station shall not cause harmful interference to, and shall not claim protection from harmful interference caused by, a station operating in accordance with the provisions of the Radio Regulations.

FURTHER RECOGNIZING:

¹ Reference: PCC.III/doc.1285/99.

That even if a low power radio device is constructed in accordance with good engineering design and manufacturing – practice within the technical requirements specified by the Administration, it may not prevent harmful interference under all circumstances.

RECOMMENDS:

1. That Administrations might, consistent with their national laws and regulations, consider establishing Low Power Radio Devices as license-exempt systems or exempt from any other authorization, or authorized in a general manner.
2. That the general operating conditions for a low power radio device should include:
 - a. that no harmful interference is caused to, and shall not claim protection from interference caused by a station operating in accordance with provisions of the Radio Regulations.
 - b. that of each Member States, according to their laws and regulations, shall study the treatment to be given to the operators of low power radio devices, in the case these devices might cause harmful interference to other service stations operating according to the provisions under the ITU Radio Regulations.
3. That CITEL Member States wanting to adopt operating conditions for low power radio devices might consider adopting a technical and procedural framework that is developed for use in a particular frequency band.