

PCC.III/RES. 42 (VI-96)

**PROPOSED NEW WORK ITEM FOR PCC.III AND PCC.I ON SPECTRUM
AND STANDARDS FOR UNLICENSED PERSONAL COMMUNICATIONS SYSTEMS**

The Sixth Meeting of the Permanent Consultative Committee III: Radiocommunications,

CONSIDERING:

- a.) That PCS/Wireless has been identified as a technical priority for CITEL as stated in COM/CITEL RES.8(II-94);
- b.) That several CITEL countries are allocating spectrum for PCS in the 2 GHz band (1850-1990 MHz) ;
- c.) That there is a high level of interest in a number of CITEL countries in rapidly deploying PCS;
- d.) That the WGSC has completed a substantial amount of work on PCS/Wireless standards coordination for the licensed A-F PCS sub-bands;
- e.) That PCC.III/REC.11 (III-95) and PCC.III/REC.12 (III-95) recommend to assign the 1850 -1990 MHz band for PCS, noting that the 1910-1930 MHz frequency band is an unpaired band that is used in some countries for low power systems and that in some countries licenses are not required to operate in that band;
- f.) That the Unlicensed PCS band is intended to address the need for in-building and campus-wide coverage without incurring the cost of air-time charges and without the costs and delays associated with obtaining a license;
- g.) That the Unlicensed PCS allocation was created to foster the development of new innovative technologies such as, wireless PBX, wireless LANs, wireless laptop computers and wireless personal digital assistants; and
- h.) That the PCC.III meeting in Asuncion, Paraguay adopted Resolution PCC.III/RES.33 (IV-96) corr.1 - entitled AMethod to Harmonize Activities of PCC.I and PCC.III for Coordinating the Standardization of Wireless Networks,≡ which included a table listing items for the division of work activities and responsibilities between PCC.I and PCC.III, including joint responsibilities.

RECOGNIZING:

- a.) That a common allocation of spectrum in the 2 GHz band in CITEL countries, along with selection of recognized standards, will allow obtaining the benefits of economy of scale and multiple vendors providing compatible equipment within a standard;
- b.) That the WINForum, an industry consortium for Unlicensed PCS, has developed a spectrum etiquette that has been adopted by the USA and accepted in Canada that allows compatible Unlicensed PCS systems to operate simultaneously in the same frequency band without causing harmful interference;
- c.) That several standards have been developed within the North American standards bodies that adhere to the spectrum etiquette developed by WINForum for Unlicensed PCS;

d.) That a study is currently underway within PCC.III on evaluating the appropriateness of using the 1910 - 1930 MHZ frequency band for Fixed Wireless Access systems;

e) The convenience of;

a) A study on how low power PCS can handle the telecommunications needs of the member countries of CITEL.

b) Developing a Coordinated Standard Document (CSD) for low power PCS.

RESOLVES:

1.) That PCC.III will consider developing a Recommendation on a technical and procedural framework that supports the operation of low power PCS devices and applications that in some countries do not require license.

2.) That PCC.III will consider developing a recommendation on air interface standards that are appropriate for use on Unlicensed PCS systems in the Region of the Americas.

