

RECOMMENDATION PCC.III/REC. 2 (I-94)

DESIGNATION OF SPECTRUM FOR AND PROSPECTS FOR PERSONAL COMMUNICATIONS SYSTEMS IN THE AMERICAS¹

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

CONSIDERING:

- a) That Personal Communications Systems (PCS) represents an opportunity for a major improvement in mobile or portable communication services for individuals or businesses which would be integrated into a variety of competing networks,
- b) That PCS should be available to users both nationally and throughout the entire Americas, and should be based on the principles established by the 1994 ITU World Telecommunications Development Conference which include Universality of Service and Diversity of Services.
- c) That both these objectives will be enhanced if a requisite degree of interoperability exists;
- d) That many countries in Latin America are developing their national telecommunications networks;
- e) That one element of such interoperability is compatibility of spectrum use;
- f) That another element of interoperability is the use of compatible standards;
- g) That some CITEL members have already established national frequency plans for PCS;
- h) That many CITEL Member Administrations have extensive use of fixed service systems in the bands considered to be used by PCS systems;
- i) That there is possible synergy between PCS and the Mobile Satellite Service;
- j) That the introduction of PCS should be made in individual countries in accordance with the needs of that country;
- k) That the ITU is currently developing standards for Future Public Land Mobile Telecommunications Systems - FPLMTS - and is considering strategies for the migration toward FPLMTS taking account into of networks currently deployed or being developed for near term deployment.

RECOMMENDS:

1. That CITEL members examine the subject of a regional spectrum use for PCS taking into account of plans under development in Member Administrations, with a view to harmonizing individual plans, where possible, increasing the possibilities for interoperability of PCS systems.
2. That CITEL members examine approaches that may be used by administrations to make frequencies available for PCS bearing in mind the steps that may need to be taken to relocate existing radio services whose functions need to be continued.
3. That the Working Group of PCC.III entrusted to examine inter-alia the subject of spectrum use for PCS in the Region shall solicit and compile available data describing for each Administration:
 - domestic spectrum allocations identified for use by PCS
 - relevant technical and economic factors considered in this identification
 - time frame that PCS is expected to be introduced
 - strategies that will be adopted to foster and facilitate migration of existing fixed service systems to new frequency bands.

This information should be available for discussion in the March 1995 meeting of PCC.III.

¹Published as Doc. PCC.III-54/94 and approved in the Sixth Session.

4. That information relative to standards under consideration and experiences with new technologies in Member Administrations for potential application to PCS should be collected and disseminated to CITEL members.
5. That the Working Group should identify those factors of interest to CITEL members that may be relevant to facilitating international roaming in the provision of Personal Communications Services across the Americas, such as:
 - a. Standards
 - b. Frequency Band Plans
 - c. Roaming agreements
 - d. Cross-border licensing and/or hand-over arrangements
 - e. Provisions for use of mobile satellite services
 - f. Other mechanisms that may be appropriate
6. In order to promote recognition of the Region 2 interests by the ITU, CITEL members should monitor and participate, as possible, in the activities of ITU-R Task Group 8/1 toward the standardization of FPLMTS (IM72000) and the development of migration strategies for the implementation of FPLMTS.
7. The results of the examination by this Working Group of PCC.III be completed in a timely manner so that CITEL members can take the results into account in developing their national policies.

INSTRUCTS:

The Executive Secretary of CITEL to distribute this DRAFT RECOMMENDATION to all Member Countries and Associate Members of CITEL.

RECOMMENDATION PCC.III/REC. 3 (I-94)

**INTRODUCTION OF DIGITAL TECHNOLOGY IN CELLULAR SYSTEMS
AND ITS IMPACT ON ROAMING SERVICE DELIVERY IN THE AMERICAS**

The First Meeting of the Permanent Consultative Committee III: Radiocommunications

RECOGNIZING:

That the prospects of development for cellular systems in the Americas are significantly ensured by a favorable regulatory framework, service delivery agreements and technological certification of the systems.

TAKING INTO ACCOUNT:

The importance of relying on a single technical standard to simplify technical system certification with views of furthering roaming service delivery on a continental scale;

CONSIDERING:

That in order to ensure favorable operational prospects of a continental roaming cellular system, there is a need to confirm that digital technology trends will not compromise the existing harmonization in the Americas, as digital technology could encourage the other standard applications;

RECOMMENDS:

That Telecommunications Administrations of CITEL Member States, operating companies, and manufacturers take action to continue facilitating adequate technological certification opportunities and interconnection criteria to promote a solid foundation for suitable systems integration.