

**HARMONIZED FREQUENCY CHANNELS FOR SYSTEMS AND/OR APPLICATIONS
USING DATA COMMUNICATIONS FOR THE PROTECTION OF PROPERTY**

The V Meeting of the Permanent Consultative Committee II: Radiocommunication including Broadcasting,

CONSIDERING:

- a) That the term "public protection radiocommunication" refers to radiocommunication systems used by responsible agencies and organizations dealing with maintenance of law and order, protection of life and property and emergency situations;
- b) That technologies exist and are being developed which facilitate, through public protection radiocommunication systems, the protection of property;
- c) That the usefulness of public protection radiocommunication systems for the protection of property has been and continues to be demonstrated using data transmissions;
- d) That national spectrum planning for systems for protection of property may need to have regard for cooperation and bilateral consultation with other concerned Administrations;
- e) That current protection of property systems mostly require relatively low communications bandwidth, and may use either narrow-band communication systems supporting voice and low data-rate applications, typically in channel bandwidths of 25 kHz or less, or spread spectrum technology;
- f) That to facilitate system interoperability and/or interworking, it is desirable that systems for the protection of property be developed under an open architecture without releasing sufficient information to allow systems to be easily countered, and
- g) That such systems as described in considering a)-g), have been deployed in CITEL member countries,

RECOGNIZING:

- a) That a common frequency or common frequency bands may be available within each country;
- b) That countries use a variety of frequency bands, technologies and applications for the protection of property;
- c) That several countries have implemented or are considering implementing protection of property systems;
- d) That many CITEL Administrations use the same frequencies for narrow-band protection of property applications;

¹ CCP.II-RADIO/doc. 738/05 rev1

- e) That such applications on these frequencies can provide good signal availability over large coverage areas;
- f) That it is desirable to identify frequencies on a regional basis, which will permit spectrum channel harmonization for the protection of property;
- g) That these protection of property applications are achieved through data transmissions, and
- h) That data transmissions on harmonized spectrum will facilitate interoperability only with compatible technology;

RECOMMENDS:

1. That CITEL Administrations cooperate to achieve harmonized frequency channel plans for protection of property applications.
2. That CITEL Administrations implementing frequency channel plans for systems and/or applications related to the protection of property preferably use frequencies within the range 173 - 173.3 MHz².
3. That such transmissions be carried out through data transmissions.
4. That to facilitate system interoperability and/or interworking, it is desirable that systems for the protection of property be developed under an open architecture without releasing sufficient information to allow systems to be easily countered.

² This range differs in Regions 1 and 3