

EUROPEAN RADIOCOMMUNICATIONS COMMITTEE

ERC Decision
of 23 November 1998
on the harmonised frequency band to be designated for
CEPT PR 27 radio equipment
and on the implementation of the technical standard
for this equipment

(ERC/DEC/(98)11)



EXPLANATORY MEMORANDUM

1 INTRODUCTION

The free movement of radiocommunications products and the provision of equipment in Europe for radiocommunications are only achievable if there exist common regulations throughout Europe regarding the availability of frequency bands, type approval requirements and border crossing procedures. The main requirements for fulfilling these objectives for CEPT PR 27 radio equipment are the Europe-wide availability of a suitable frequency band and the implementation of national regulations based on the European Telecommunications Standard (ETS) for CEPT PR 27 radio equipment developed by the European Telecommunications Standards Institute (ETSI).

This Decision (ERC/DEC/(98)11) provides the necessary mechanism for CEPT Administrations to commit themselves to designate the frequency band 26.960-27.410 MHz to the CEPT PR 27 radio equipment, to implement, within their national regimes European Telecommunications Standard 300 135. This Decision was prepared for the mutual recognition regime as defined by ERC/DEC/(97)10 where another marking is used instead of that defined by ERC/DEC/(96)02 (ERC Decision of 7 March 1996 on the harmonised frequency band to be designated for CEPT PR 27 radio equipment and on the implementation of the technical standard for this equipment) on the basis of marking system in ERC/REC 01-06 (Procedure for mutual recognition of type testing and type approval for radio equipment).

2 BACKGROUND

The CEPT PR 27 application is intended for short range radio communications with transmission and reception taking place on the same channel (single frequency, simplex traffic). The radio equipment is designed to be used without the need to have any technical qualifications. For the purpose of this Decision, CEPT PR 27 radio equipment means angle-modulated Citizens' Band radio equipment which operates in the frequency band 26.960 MHz to 27.410 MHz and complies with the ETSI standard ETS 300 135.

Historically each administration has had its own individual regulations, standards and frequency bands for Citizens' Band radio equipment. With the considerable work undertaken in CEPT and ETSI, a Europe-wide common frequency band and standard are now in place for CEPT PR 27 radio equipment. The same band is used as well for Citizen's Band equipment with different modulation methods. CEPT Recommendation T/R 20-09 (Chester 1990 (ERC)), which covers CEPT PR 27 radio equipment has been in place for some time and is considered sufficiently mature to form the basis of this Decision. This Decision provides an alternative to the Decision ERC/DEC/(96)02 prepared to serve the mutual recognition of test reports approval regime as defined by the ERC Rec. 01-06. CEPT member countries that have already implemented ERC/DEC/(96)02 have automatically implemented Decides 2 and 3 of this decision.

3 REQUIREMENT FOR AN ERC DECISION

The allocation of radio frequencies, complementary equipment conformity assessment regimes, common rules for the authorisation of CEPT PR 27 radio equipment and for the free circulation and marking of CEPT PR 27 radio equipment in CEPT member countries may be laid down by law, regulation or administrative action. The ERC recognises that for CEPT PR 27 radio equipment to be introduced successfully throughout Europe, manufacturers must be given the confidence to make the necessary investment in the development and procurement of new equipment. A commitment by CEPT member countries to implement an ERC Decision will provide a clear indication to manufacturers and users that CEPT member countries are committed to a Europe-wide CEPT PR 27 radio usage and its future.

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The European Conference of Postal and Telecommunications Administrations,

considering:

- a) that CEPT has a long term objective to harmonise the use of frequencies and the related regulatory regimes;
- b) that such harmonisation will benefit administrations, manufacturers and users;
- c) that it would be desirable for administrations to have common regulations at their disposal in order to control the use, the conformity assessment, the marking and the free circulation of this equipment;
- d) that the European Telecommunications Standards Institute (ETSI) has developed the European Telecommunications Standard ETS 300 135 for CEPT PR 27 radio equipment operating in the frequency band 26.960-27.410 MHz;
- e) that ETS 300 135 describes PR 27 as a voice service but some administrations allow it to be used also for data transmissions;
- f) that the band 26.957-27.283 MHz is designated for industrial, scientific and medical (ISM) applications;
- g) the ERC Decision on the mutual recognition of conformity assessment procedures including marking of radio equipment and radio terminal equipment (ERC/DEC/(97)10) and the ERC Decision on free circulation and use (ERC/DEC/(95)01).
- h) that pending the introduction of the R&TTE Directive in EEA countries, national conformity assessment regulations should be adjusted to take account of these decisions. In other CEPT member countries appropriate adjustments shall also be made.

DECIDES

1. that for the purpose of this decision, CEPT PR 27 radio equipment shall mean angle-modulated radio equipment complying with the European Telecommunications Standard ETS 300 135;
2. to designate the frequency band 26.960-27.410 MHz (10 kHz channel separation), excluding 26.995 MHz, 27.045 MHz, 27.095 MHz, 27.145 MHz and 27.195 MHz, to the application employing CEPT PR 27 radio equipment from 1 January 1999;
3. to adopt, by 1 January 1999 national conformity assessment regulations for CEPT PR 27 radio equipment based on the ETSI standard "ETS 300 135: Technical Characteristics and Methods of Measurements for Angle Modulated Citizens' Band Radio Equipment (CEPT PR 27 Radio Equipment)", after having already implemented ERC/DEC/(97)10;
4. that the equipment shall be marked Rxxxx PR27 where xxxx is the number of the conformity assessment body which issued the type approval certificate or which certified the manufacturer's quality system;
5. that any conflicting national conformity assessment regulations concerning CEPT PR 27 radio equipment shall be withdrawn.
6. that CEPT Member Administrations shall communicate the national measures implementing this Decision to the ERC chairman and the ERO when the Decision is nationally implemented.

Note:

Please check the ERO web site (www.ero.dk) under "Documentation / Implementation" for the up to date position on the implementation of this and other ERC Decisions.