Recommendation T/R 22-05 (Madrid 1992)

FREQUENCIES FOR MOBILE DIGITAL TRUNKED RADIO SYSTEMS

Recommendation proposed by the "Frequency Management" Working Group (FM)

Text of the Recommendation adopted by the "European Radiocommunications Committee" (ERC):

"The European Conference of Postal and Telecommunications Administrations,

considering

a)   that the use of trunked systems can improve spectrum efficiency and increase the quality of service provided to users of mobile radio,

b)   that the introduction of new digital technology will allow the provision of a wide range of new services,

c)   that the use of harmonised frequency bands would ease frequency coordination,

d)   that the spectrum below 1 GHz is already used intensively according to different frequency plans,

e)   that at present a common harmonised frequency band is not available,

f)   that nevertheless the availability of a small number of frequency bands within common tuning ranges should satisfy initial market demands and help reduce the cost of equipment,

g)   that common tuning ranges would enable the possibility of mobile units to operate in more than one area or country,

h)   CEPT Recommendations T/R 25-08 E and T/R 75-02 E,

noting

that ETSI has indicated advantages in the use of frequencies below 500 MHz,

recommends

1.   that frequencies should be made available in parts of one or more of the following bands:
380-390/390-400 MHz
410-420/420-430 MHz
450-460/460-470 MHz
870-888/915-933 MHz,

2.   that the frequency use conforms, as appropriate, to CEPT Recommendation T/R 25-08 E, Annex 2,

3.   that frequencies should be made available according to market demand with adequate provision to allow the introduction of Mobile Digital Trunked Radio Systems in 1995.

recommends further

that ETSI, in developing standards for equipment, should take into account the fact that it will be necessary to introduce Mobile Digital Trunked Radio Systems into small blocks of spectrum in the frequency bands alongside blocks retained by existing users."