

**FREQUENCY SHARING ARRANGEMENTS BETWEEN CIVIL LAND MOBILE AND  
MILITARY SERVICES IN THE BAND 410-450 MHz**

(Reference: Footnote UK66)

- 1.1 The sub-bands in which analogue civil land mobile may share with military services are:
- a. 425-430 MHz;
  - b. 431-432 MHz;
  - c. 440.0-443.5 MHz;
  - d. 445.5-449.5 MHz.
- 1.2 The sub-bands in which digital<sup>1</sup> civil land mobile may share with military services are:
- a. 410-420 MHz (mobile transmit);
  - b. 420-430 MHz (base transmit).

Sharing between civil digital services and military services in these bands is on the basis of individual channels agreed between the DTI and the MoD.

2. Civil land mobile use of the sub-bands at paragraph 1.1 will be limited geographically to the following areas within a radius of:
- a. 56 km of London (Charing Cross)
  - b. 50 km of the centre of Warrington, Cheshire
  - c. 40 km of the centre of Birmingham and Glasgow
  - d. 32 km of the centres of Aberdeen, Bradford, Derby, Edinburgh, Halifax, Leeds, Leicester, Middlesbrough, Nottingham, Preston, Sheffield and Tyneside.
  - e. 10 km of Coventry (SP 330 790), Bristol (ST 600 740), Swansea (SS 650 950), Newport (ST 310 880) and Cardiff (ST 190 760)

Civil land mobile use will be permitted outside of these areas where agreed between the DTI and the MoD on a case-by-case basis.

3. Civil land mobile use of the sub-band at paragraph 1.1b will be limited to an area within a radius of 56 km of Charing Cross, London, except for the following frequencies which may not be used:
- a. 431.85 MHz and 431.9 MHz  $\pm$  6.25 kHz;
  - b. 431.5 MHz and 431.65 MHz  $\pm$  12.5 kHz
4. The following frequencies may not be used in the areas described at paragraph 2d:
- a. 447.7 MHz  $\pm$ 6.25 kHz
  - b. 447.75 MHz, 448.25 MHz, and 448.75 MHz all  $\pm$ 12.5 kHz

<sup>1</sup> CEPT Decision ERC/DEC/(96)04 identified a number of frequency bands for the use of TETRA (Trans European Trunked Radio system) including the 410-430 MHz band. This system is based on digital technology and intended to provide both voice and data for private and professional use.

5. The following frequencies must not be used by the civil land mobile service at any of the areas described below:
  - a. 425·025 MHz within 32 km of Leicester and Worcester;
  - b. 443·5 MHz may not be used within 32 km of any of the designated areas in 2d above.
6. The Ministry of Defence undertakes not to introduce new services which will affect civil land mobile services operating within those areas described at paragraphs 1.2, 2a, 2b, 2c and 3 and will effect co-ordination of proposals for new military assignments which may affect civil land mobile services operating in those areas described in paragraph 2d.
7. Military services operating outside the areas described at paragraphs 2, 3 and 4 and on excluded frequencies inside the areas described at paragraph 2d and 3 will be protected from interference by civil land mobile services.
8. Nothing in the foregoing arrangements preclude consideration by the Ministry of Defence of civil assignments, on a case-by-case basis, on any other frequencies in the band 410-450 MHz.