

Recommendation T/R 22-01 (Malaga-Torremolinos 1975)

FREQUENCIES LIKELY TO BE ALLOCATED TO INTERNATIONAL RAILWAYS

Recommendation proposed by the "Radiocommunications" Working Group T/WG 3 (R)

Text of the Recommendation adopted by the "Telecommunications" Commission:

"The European Conference of Postal and Telecommunications Administrations,

considering

- a) that railways are making increasingly extensive use of radio links to facilitate the operation of railway traffic and increase its safety,
- b) that it would be desirable/advantageous to be able to use radio equipment in several countries in order to facilitate communications with international trains without excluding national requirements,
- c) that it would be essential to select working frequencies in a common band,
- d) that the Union Internationale des Chemins de fer (UIC) is currently studying this problem within its working parties and in 1966, asked for the co-operation of the CEPT,
- e) that following a study which also took into account the possible involvement of neighbouring countries which were not members of the CEPT, a reply from the CEPT was given to UIC in 1969,
- f) that the planning of frequencies in CEPT member countries will depend on the frequencies to be adopted for international railways,
- g) that the World Administrative Maritime Radio Conference held in Geneva in 1974 took into consideration, when allocating on-board communications frequencies to ships, the frequency bands reserved for international railways,

recommends

1. that frequencies likely to be allocated by Administrations to international railways, without excluding national requirements, be selected from the following frequencies,

Land Mobile Station	Base Station
457.600 MHz	467.600 MHz
457.625 MHz	467.625 MHz
457.650 MHz	467.650 MHz
457.675 MHz	467.675 MHz
457.700 MHz	467.700 MHz
457.725 MHz	467.725 MHz
457.750 MHz	467.750 MHz
457.775 MHz	467.775 MHz
457.800 MHz	467.800 MHz
457.825 MHz	467.825 MHz
457.850 MHz	467.850 MHz
457.875 MHz	467.875 MHz
457.900 MHz	467.900 MHz
457.925 MHz	467.925 MHz
457.950 MHz	467.950 MHz
457.975 MHz	467.975 MHz
458.000 MHz	468.000 MHz
458.025 MHz	468.025 MHz
458.050 MHz	468.050 MHz
458.075 MHz	468.075 MHz
458.100 MHz	468.100 MHz

2. that phase or frequency modulation be used with a required bandwidth not exceeding 16 kHz,
3. that the effective radiated power be as low as possible for the service zone envisaged.”