

Recommendation T/R 70-01 (The Hague 1972)

**POSSIBLE REDUCTION IN CERTAIN TYPES OF MUTUAL INTERFERENCE BETWEEN THE
BROADCASTING SERVICE AND THE MOBILE SERVICE**

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 the number of stations in the land mobile service is growing continually and that even faster expansion may be expected in the future,
- (b) that when the 1961 STOCKHOLM broadcasting plans were drawn up insufficient consideration was given to potential mutual interference between the broadcasting service and the mobile service in the adjoining edges of the bands allocated to each of the two services,
- (c) that harmful interference has in fact been recorded, mainly as a result of:
 - out-of-band emissions from high power broadcasting transmitters which cannot be totally suppressed,
 - inadequate selectivity of broadcasting receivers,
- (d) that, under these conditions, the development of the mobile service in certain regions is restricted,

recommends

- 1. that Administrations take particular note of mobile services operating in frequency bands immediately adjoining broadcasting frequency bands and in particular that out-of-band emissions from broadcasting transmitters should be sufficiently reduced (see RR No. 343),
- 2. that, when drawing up broadcasting plans, Administrations take particular note of point 1 above and, where necessary ensure that broadcasting channels towards the outer edges of the bands are kept a suitable distance from the outer band edges,
- 3. that the selectivity of broadcasting receivers should be improved as far as possible, particularly as regards band edge channels; it would be useful to produce an international specification for the selectivity of these receivers,
- 4. that, in the current situation, the transmitters used for the mobile service should be as low powered as is practicable, where mobile service transmitters and broadcasting transmitters have to use adjacent frequency bands for coverage of overlapping zones."