

RECOMMENDATION ITU-R BS.1349

**IMPLEMENTATION OF DIGITAL SOUND BROADCASTING
TO VEHICULAR, PORTABLE AND FIXED RECEIVERS
USING TERRESTRIAL TRANSMITTERS
IN THE LF, MF AND HF BANDS**

(Question ITU-R 217/10)

(1998)

The ITU Radiocommunication Assembly,

considering

- a) that there is an established broadcasting frequency plan for the LF band in Region 1 and for the MF band in Regions 1 and 3 (Geneva, 1975) and that this plan is based, *inter alia*, on a channel width of 9 kHz;
- b) that there is an established frequency plan for the MF band in Region 2 (Rio de Janeiro, 1981) and that this plan is based, *inter alia*, on a channel width of 10 kHz;
- c) that there is worldwide usage of the HF broadcasting bands with a nominal channel width of 10 kHz and an interleaved channel spacing of 5 kHz;
- d) that any attempt to revise the frequency plans referred to above would be extremely time-consuming and expensive,

recommends

1. that any system developed for digital sound broadcasting to vehicular, portable and fixed receivers in the LF, MF and HF bands should have emission characteristics which are compatible with the channel widths identified in *considering* a), b) and c).