

RECOMMENDATION 648

DIGITAL RECORDING OF AUDIO SIGNALS

(Question 52/10, Study Programmes 52A/10 and 52B/10)

(1986)

The CCIR,

CONSIDERING

- (a) that the requirements for digital audio tape recording are for both transparency to high audio quality and allowance for headroom for processing;
- (b) that there would be considerable advantages for broadcasters in adopting a common world-wide digital audio tape recording format for use in broadcasting studios;
- (c) the studies of the IEC and other international bodies in digital audio recording for professional use,

UNANIMOUSLY RECOMMENDS

1. that a single, world-wide digital audio tape recording format should be adopted for the international exchange of programmes for broadcasting purposes;
 2. that for all applications regarding the international exchange of programmes recorded on tape, a sampling frequency of 48 kHz should be used;
 3. that for all applications regarding the international exchange of programmes recorded on tape, the coding should have a resolution of at least 16 bits/sample.
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