

1.B.1. CCIR Recommendation 460*

RECOMMENDATION 460

STANDARD-FREQUENCY AND TIME-SIGNAL EMISSIONS

(Question 1/7)

The C.C.I.R.,

(1970)

CONSIDERING

- (a) the desirability of eliminating all offsets from nominal values in the carrier frequencies and in the time signals;
- (b) the desirability of disseminating on a world-wide basis precise time intervals in conformity with the definition of the second (SI), as adopted by the 13th General Conference of Weights and Measures (1967);
- (c) the continuing need of many users for Universal Time (UT);

UNANIMOUSLY RECOMMENDS

1. that, from a specified date, carrier frequencies and time intervals should be maintained constant and should correspond to the adopted definition of the second;
2. that the transmitted time scale should be adjusted when necessary in steps of exactly one second to maintain approximate agreement with Universal Time (UT);
3. that the standard-frequency and time-signal emissions should contain information on the difference between the time signals and Universal Time (UT);
4. that detailed instructions on the implementation of this Recommendation be adopted by Study Group 7 after consideration of the report of Interim Working Party 7/1;
5. that the standard-frequency and time-signal emissions should conform to §§ 1, 2, 3 and 4 above from 1 January 1972, 0000 h UT;
6. that this document be transmitted by the Director, C.C.I.R., to all Administrations Members of the I.T.U., to the Scientific Unions (I.A.U., I.U.G.G., U.R.S.I., I.U.P.A.P.), and other organizations such as B.I.H., C.I.P.M., I.C.A.O. and I.M.C.O.

* CCIR, "Standard-frequency and time-signal emissions." (Recommendation 460), in *XIIIth Plenary Assembly CCIR*, (New Dehli, India, 1970). III, p. 227 (ITU, Geneva, Switzerland, 1970).