

RECOMMENDATION ITU-R TF.768-6

Standard frequencies and time signals

(1992-1994-1995-1997-2001-2002-2003)

The ITU Radiocommunication Assembly,

considering

- a) the continuing need in all parts of the world for readily available standard frequency and time reference signals that are internationally coordinated;
- b) the advantages offered by radio broadcasts of standard time and frequency signals in terms of wide coverage, ease and reliability of reception, achievable level of accuracy as received, and the wide availability of relatively inexpensive receiving equipment;
- c) that Article 26 of the Radio Regulations is considering the coordination of the establishment and operation of services of standard-frequency and time-signal dissemination on a worldwide basis;
- d) that a number of stations are now regularly emitting standard frequencies and time signals in the bands allocated by WARC-79 and that additional stations provide similar services using other frequency bands;
- e) that these services operate in accordance with Recommendation ITU-R TF.460 which establishes the internationally coordinated time (UTC) system;
- f) that other broadcasts exist which, although designed primarily for other functions such as navigation or communications, emit highly stabilized carrier frequencies and/or precise time signals that can be very useful in time and frequency applications,

recommends

- 1 that, for applications requiring stable and accurate time and frequency reference signals that are traceable to the internationally coordinated UTC system, serious consideration be given to the use of one or more of the broadcast services listed and described in that part of the ITU-R website concerning Radiocommunication Study Group 7, select: standard-frequency and time signals;
 - 2 that administrations responsible for the various broadcast services disseminating standard-frequency and time make every effort to provide Radiocommunication Study Group 7 with accurate and up-to-date information, particularly when changes to those broadcast services occur. (Administrations are also requested to send such information to the Bureau international des poids et mesures (BIPM).)
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