INTERNATIONAL TELECOMMUNICATION UNION

ITU-T S.7

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

TELEGRAPHY

ALPHABETICAL TELEGRAPH TERMINAL EQUIPMENT

CONTROL OF TELEPRINTER MOTORS

ITU-T Recommendation S.7

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation S.7 was published in Fascicle VII.1 of the *Blue Book*. This file is an extract from the *Blue Book*. While the presentation and layout of the text might be slightly different from the *Blue Book* version, the contents of the file are identical to the *Blue Book* version and copyright conditions remain unchanged (see below).

2 In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

Recommendation S.7

CONTROL OF TELEPRINTER MOTORS

(former CCIT Recommendation C.13; amended at Arnhem, 1953, and Geneva, 1976)

The CCITT,

considering

(a) that, in the case of public and private point-to-point circuits, it is desirable that the teleprinter motors should be started with the commencement of traffic signalling and stopped with the cessation of such signalling;

(b) that the general practice on such circuits is to utilize a time-delay device associated with the teleprinter which allows of such operation,

unanimously declares the view

(1) that, in the case of public and private point-to-point circuits, the terminal apparatus shall be so equipped as to allow of the starting and stopping of the teleprinter motors with the commencement and completion respectively of the traffic;

(2) that these facilities shall normally be provided by means of a time-delay device incorporated in the teleprinter, whereby the teleprinter motor is started immediately upon commencement of the signalling of traffic and is stopped within a time not less than 45 seconds after the last traffic signal;

considering

(c) that more strict unification of the delay-time of these automatic devices might give rise to serious technical complications;

(d) that precautions should thus be taken lest an operator, should transmit signals while the motor of his apparatus is still rotating, to an apparatus in which the motor has just stopped,

unanimously declares the view

(3) that, in the case of a pause in transmission for a period equal to or longer than 30 seconds, operators or subscribers are recommended to send a letter-shift (combination No. 29 in International Telegraph Alphabet No. 2) and to wait at least 2 seconds after the emission of this signal before recommencing transmission;

considering

(e) that, for reasons associated with the unification of terminal apparatus and for others, certain Administrations have expressed a preference for the utilization of a method whereby calling and clearing signals are used, as in the telex service, to effect the starting and stopping of the teleprinter motors,

unanimously declares the view

(4) that, notwithstanding (2) above, Administrations can, if they find it convenient, arrange between themselves to use an alternative method whereby the teleprinter motor is started by the use of a call signal, and stopped by the use of a clearing signal. In such cases the calling and clearing signals employed should conform to those standardized for the telex service, namely Recommendation U.1 [1].

Reference

[1] CCITT Recommendation *Signalling conditions to be applied in the international telex service*, Rec. U.1.