

INTERNATIONAL TELECOMMUNICATION UNION



F.112

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU

OPERATIONS AND QUALITY OF SERVICE

MOBILE SERVICE

QUALITY OBJECTIVES FOR 50-BAUD START - STOP TELEGRAPH TRANSMISSION IN THE MARITIME MOBILE-SATELLITE SERVICE

ITU-T Recommendation F.112

(Extract from the Blue Book)

NOTES

1 ITU-T Recommendation F.112 was published in Fascicle II.4 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.

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QUALITY OBJECTIVES FOR 50-BAUD START-STOP TELEGRAPH TRANSMISSION IN THE MARITIME MOBILE-SATELLITE SERVICE

The CCITT,

considering

(a) that proper interworking of this telegraph transmission with the international telegraph services must be ensured;

(b) CCITT Recommendation F.10 concerning character error rate for telegraph communications,

unanimously recommends

that, for the coast-earth station-to-mobile terminal and mobile terminal-to-coast-earth station links, sufficient margin should be included to overcome adverse propagation conditions. The objective should be that propagation conditions should not contribute any character errors for at least 95% of all calls with mobile terminals within the satellite service area. With the exception of blockage effects, propagation conditions should not contribute more than 8 errors in 100 000 characters with a 99% confidence level for mobile terminals at the edge of the service area.

Note - This Recommendation corresponds to CCIR Recommendation 552.