



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

F.112

**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.

Recommendation F.112

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.