



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

R.40

TELEGRAPHY

TELEGRAPH TRANSMISSION

**COEXISTENCE IN THE SAME CABLE
OF TELEPHONY AND SUPER - TELEPHONE
TELEGRAPHY**

ITU-T Recommendation R.40

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation R.40 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 R.40

COEXISTENCE IN THE SAME CABLE OF TELEPHONY AND SUPER-TELEPHONE TELEGRAPHY

*(former CCIT Recommendation B.17, Brussels, 1948;
amended at Geneva, 1951 and at Melbourne, 1988)*

The CCITT,

considering

(a) that this process provides only one telegraph channel, in addition to the telephone channel, and that it can be applied only in comparatively few cases (lightly loaded or unloaded circuits, which cannot be used for multi-channel carrier telephony);

(b) that in such cases, the Administrations and private operating agencies concerned could in most cases by common agreement contemplate the possibility of making use of some other more suitable process that would provide, in addition to the audio telephone channel, more than one telegraph channel;

unanimously declares the view

that the use of super-telephone telegraphy (Definition 02.25, Recommendation R.140) should not prejudice the quality of transmission over the adjacent telephone channel and that, in particular, it should not limit the band of frequencies necessary for good speech reproduction (300 to 3400 Hz at least).