



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.341

INTERNATIONAL ANALOGUE CARRIER SYSTEMS INDIVIDUAL CHARACTERISTICS OF INTERNATIONAL CARRIER TELEPHONE SYSTEMS ON METALLIC LINES

1.3 MHz SYSTEMS ON STANDARDIZED 1.2/4.4 mm COAXIAL CABLE PAIRS

ITU-T Recommendation G.341

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation G.341 was published in Fascicle III.2 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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1.3 MHz SYSTEMS ON STANDARDIZED 1.2/4.4 mm COAXIAL CABLE PAIRS

(amended at Geneva, 1964; further amended)

Preliminary note

The present Recommendation describes two types of systems on coaxial cable pairs providing 300 telephone channels in the approximate frequency band 0.06 to 1.3 MHz. The length of the elementary cable section is about 6 km for the first type of system and about 8 km for the second. The first is to be preferred when it is planned to equip the cable with 6 MHz repeaters later on, the second when it is planned to install systems belonging to the other family on the cable later on, i.e. the 4 MHz system, 12 MHz system or 18 MHz system.

1 Line frequencies

The system will carry 300 telephony channels, transmitted to line:

- either between 60 kHz and 1300 kHz as supergroups Nos. 1-5 of the 4 MHz system (Figure 1 a)/G.341);
- or between 64 kHz and 1296 kHz as a mastergroup with erect channel sidebands (Figure 1 b)/G.341).

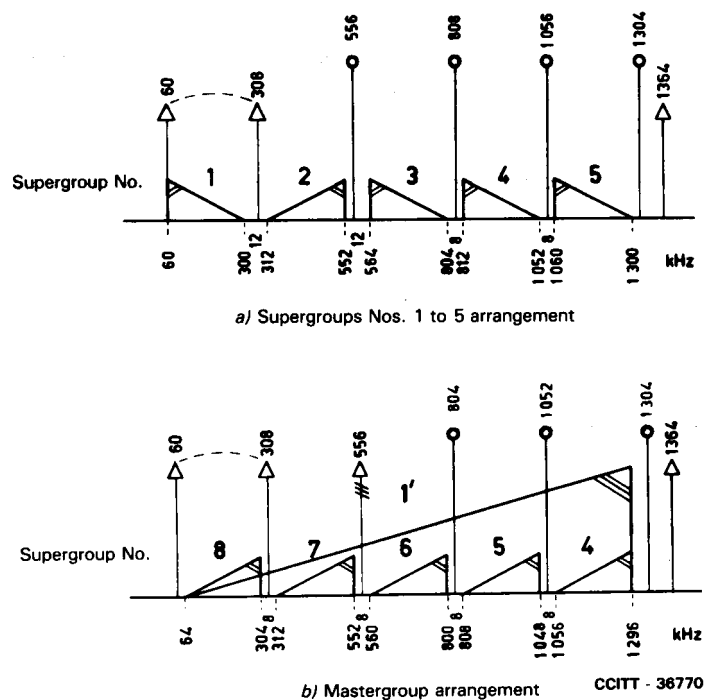


FIGURE 1/G.341

Line-frequency arrangements for international carrier 1.3-MHz systems
on 1.2/4.4-mm coaxial pair

2 Pilots and additional measuring frequencies

2.1 Line-regulating pilot

The CCITT recommends that 1364 kHz be used for the main line-regulating pilot on all regulated-line sections