



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

F.20

OPERATIONS AND QUALITY OF SERVICE TELEGRAPH SERVICES

THE INTERNATIONAL GENTEX SERVICE

ITU-T Recommendation F.20

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation F.20 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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THE INTERNATIONAL GENTEX SERVICE

The CCITT,

unanimously declares

- (1) that the following provisions should be adopted for the gentex service;
- (2) that Administrations should make arrangements for their offices to apply these provisions.

1 General

1.1 The gentex network is made up of telegraph offices, switching centres and telegraph channels, interconnecting the offices to switching centres and the switching centres to each other.

1.2 The gentex network is operated by fully automatic switching.

1.3 Gentex signalling shall be in accordance with CCITT Recommendations relative to telegraph switching technique.

2 Call-numbers and answer-back codes

2.1 Unless other arrangements are made, the call-number dialled by a gentex office to call a gentex office in another country is made up of:

- the prefix giving access to the called country from the calling country;
- the call-number of the called office, which must comprise figures only, up to a maximum of 8 figures; the call from the national network or another number especially selected for the purpose.

2.2 The answer-back codes of the equipment used in the gentex service are made up of 20 signals.

2.3 The composition of answer-back codes shall be in accordance with the provisions of Recommendation F.21.

3 Equipment of positions in telegraph offices

3.1 Transmitting or receiving positions in the gentex service shall be equipped with tape-printing or page-printing teleprinters using International Telegraph Alphabet No. 2, possessing an answer-back unit and able to work, if necessary, in simplex.

3.2 Positions shall be equipped for the following:

- the setting-up of calls;
- the clearing of calls;
- reception of the bell (figure J) signal;
- an alarm or transmission of the clearing signal if the paper runs out.

3.3 As far as possible, these positions shall also be equipped to signal the following:

- equipment out of service;
- tape broken;
- faulty tape feed.

3.4 In an office, the positions used in the gentex service can be grouped into those specializing in transmission and those specializing in reception. Administrations shall arrange this specialization so that the incoming grade of service shall not be less than the CCITT recommended limits.
