CCITT

THE INTERNATIONAL TELEGRAPH AND TELEPHONE CONSULTATIVE COMMITTEE

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SERIES E: OVERALL NETWORK OPERATION, TELEPHONE SERVICE, SERVICE OPERATION AND HUMAN FACTORS

Traffic engineering – ISDN traffic engineering

REFERENCE CONNECTIONS FOR TRAFFIC ENGINEERING

Reedition of CCITT Recommendation E.701 published in the Blue Book, Fascicle II.3 (1988)

NOTES

- 1 CCITT Recommendation E.701 was published in Fascicle II.3 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).
- In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

REFERENCE CONNECTIONS FOR TRAFFIC ENGINEERING

1 General

The goal of this Recommendation is to give the E.700 Series of Recommendations a base to define ISDN Grade of Service (GOS) and traffic parameters.

In § 2, two reference connections are defined. Definition of other reference connections is for further study.

2 Reference connections

2.1 Reference connection for point-to-point circuit switched services

See Figure 1/E.701.

User A

TE

LE

Transit network

LE

TE

User B

S.S. No. 7

signalling network

Q.931

T0201361-88

User A Originating user
User B Terminating user
TE Terminal equipment
LE Local exchange

 $Note\ I$ — The transit network may contain zero, one, or more transit exchanges, which may or may not be dedicated ISDN exchanges.

Note 2 — The signalling network may contain zero, one, or more signalling transfer points.

 $\it Note 3- The topology of the signalling network may differ significantly from that of the transit network.$

FIGURE 1/E.701

Reference connection for point-to-point circuit switched services

2.2 Reference connection for point-to-point packet switched services

See Figure 2/E.701.

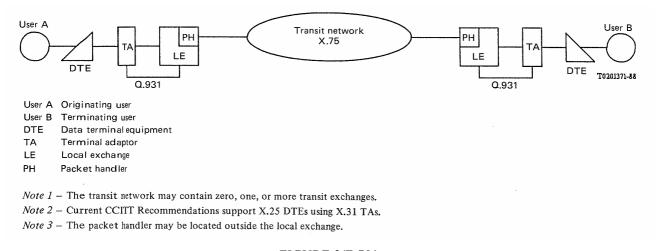


FIGURE 2/E.701

Reference connection for point-to-point packet switched services

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