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SOME TEST RESULTS FROM SPECIFIC NATIONAL AND INTERNATIONAL PORTIONS

Reedition of Supplement 1 to CCITT X-series Recommendations published in the Blue Book, Fascicle VIII.3 (1988)

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NOTES

1 Supplement 1 to CCITT X-Series was published in Fascicle VIII.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).

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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Supplement 1

SOME TEST RESULTS FROM SPECIFIC NATIONAL AND INTERNATIONAL PORTIONS

(referenced in Recommendation X.135)

This supplement presents test results and is intended for illustrative purposes only. It contains results for national A and national B portions. The results were measured in the DATEX-P network, which is operated by the Deutsche Bundespost in the Federal Republic of Germany.

Since these figures apply to one network under a specific network traffic load at a specific time, they cannot be taken in any way to be presentative of the current or likely performance of either other networks of this same network at a different point of time. They are included for the sole purpose of summarizing one experiment in which the network performance was better than that defined in Recommendation X.135.

The above implies that many factors, including a particular set of equipment types, a specific configuration, distribution of network traffic loading, network topology, and network-specific dimensioning rules, impact the values obtained.

1 National A portion delay and throughput values

Table 1 presents call set-up delay, data packet transfer delay, throughput capacity, and clear indication delay values measured in a DATEX-P configuration selected to represent this National A portion of an international virtual connection. The measurements were taken during the busy hour on a representative set of connections. These results demonstrate that the delay and throughput performance provided in the National A portion can be much better than is indicated by the worst-case values specified in Recommendation X.135.

2 National B portion delay and throughput values

Table 2 presents call set-up delay, data packet transfer delay, throughput capacity, and clear indication delay values measured in a DATEX-P configuration selected to represent the National B portion of an international virtual connection. The measured configuration included a 128 kbit/s satellite circuit. The measurements were taken during the busy hour. These results demonstrate that the delay and throughput performance provided in the National B portion can be much better than is indicated by the worst-case values specified in Recommendation X.135.

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