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X.302

INTERWORKING BETWEEN NETWORKS GENERAL

DESCRIPTION OF THE GENERAL ARRANGEMENTS FOR INTERNAL NETWORK UTILITIES WITHIN A SUBNETWORK AND INTERMEDIATE UTILITIES BETWEEN SUBNETWORKS FOR THE PROVISION OF DATA TRANSMISSION SERVICES

ITU-T Recommendation X.302

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation X.302 was published in Fascicle VIII.6 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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Recommendation X.302

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*(Formerly part of Recommendation X.300, Malaga-Torremolinos, 1984,
amended at Melbourne, 1988)*

The CCITT,

considering

(a) that Recommendation X.300 defines the general principles for interworking between public networks and between public networks and other networks for the provision of data transmission services;

(b) that Recommendation X.301 defines the general arrangements for call control within a subnetwork and between subnetworks for the provision of data transmission services;

(c) that interworking with common channel signalling network (CCSN) needs to be considered, in view of the requirements for transferring operational information between Administrations;

(d) the need that interconnected networks can communicate the necessary internal utilities related to the operation of the data transmission services;

(e) that Recommendations X.61, X.70, X.71 and X.75 already specify the detailed procedures applicable to call control between two PDNs of the same type;

(f) the need for arrangements for interworking between subnetworks;

(g) the need, in particular, for certain inter-network utilities defined between international exchange systems for the provision of data transmission services;

(h) the need for compatibility and uniformity in the principle for realization of internal network utilities within a subnetwork and between subnetworks for the provision of data transmission services,

unanimously recommends

that arrangements for internal utilities within a subnetwork and between subnetworks for the provision of data transmission services, and that the necessary elements for realization of such internal network utilities be in accordance with the principles and arrangements specified in this Recommendation.

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