



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.322

INTERWORKING BETWEEN NETWORKS GENERAL

GENERAL ARRANGEMENTS FOR INTERWORKING BETWEEN PACKET SWITCHED PUBLIC DATA NETWORKS (PSPDNs) AND CIRCUIT SWITCHED PUBLIC DATA NETWORKS (CSPDNs) FOR THE PROVISION OF DATA TRANSMISSION SERVICES

ITU-T Recommendation X.322

(Extract from the *Blue Book*)

NOTES

- 1 ITU-T Recommendation X.322 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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(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 Recommendation X.302 defines the general arrangements for internal network utilities within a subnetwork and between subnetworks for the provision of data transmission services;
- (d) that Recommendation X.75 defines procedures for PSPDN/PSPDN interworking and that Recommendations X.61 and X.71 define procedures for CSPDN/CSPDN interworking;
- (e) that Recommendation X.10 describes categories of access to PDNs and ISDNs for the provision of data transmission services;
- (f) that Recommendation X.213 describes the network service definition for open systems interconnection for CCITT applications;
- (g) that Recommendation X.305 describes functionalities of subnetworks relating to the support of the OSI network service;
- (h) the desirability to maintain compatibility in the procedures used at layers 1, 2 and 3 on CSPDN, for current and future telematic terminals, and also for terminals in non-telematic applications;
- (i) that Recommendation X.223 defines the use of X.25 to provide the OSI connection-mode network service;
- (j) that Recommendation T.70 defines the network-independent basic transport service for the telematic services;
- (k) that Recommendation X.32 defines the interface between DTE and DCE for terminals operating in the packet-mode and accessing a PSPDN through a PSTN or an ISDN or a CSPDN;
- (l) that Recommendation X.82 defines detailed arrangements for interworking between CSPDNs and PSPDNs based on Recommendation T.70;
- (m) the need for arrangements when interworking between PSPDNs and CSPDNs for the provision of data transmission services,

unanimously recommends

that arrangements for the interworking between PSPDNs and CSPDNs for the provision of data transmission services be in accordance with the principles and arrangements specified in this Recommendation.