



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.60

PUBLIC DATA NETWORKS

TRANSMISSION, SIGNALLING AND SWITCHING

**COMMON CHANNEL SIGNALLING FOR
CIRCUIT SWITCHED DATA APPLICATIONS**

ITU-T Recommendation X.60

(Extract from the *Blue Book*)

NOTES

1 ITU-T Recommendation X.60 was published in Fascicle VIII.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.

COMMON CHANNEL SIGNALLING FOR CIRCUIT SWITCHED DATA APPLICATIONS

(Geneva, 1980)

The CCITT,

considering

(a) that public networks providing circuit-switched data transmission services are being established in various countries;

(b) that common channel signalling offers advantages when used for interexchange signalling in digital circuit-switched telecommunication networks;

(c) that a need has been established for a standardized common channel signalling system, known as CCITT Signalling System No. 7, for use in international and national applications in single service and multiservices digital networks;

(d) that Signalling System No. 7 has been defined with a functional structure clearly separating:

- the Message Transfer Part, common for all services and applications, and
- User Parts for different services and applications, and in particular, the Data User Part for circuit-switched data applications,

unanimously declares the view

that common channel signalling for international circuit-switched data applications be in accordance with Signalling System No. 7, i.e.:

- i) that the data service call control related elements of the signalling system be as specified for the Data User Part in Recommendation X.61,
- ii) that the message transfer related elements of the signalling system be as specified for the Message Transfer Part in Recommendations Q.701-Q.707.

Note 1 - Signalling System No. 7 including the Data User Part offers a basis for definition of common channel signalling for national data applications.

Note 2 - The implications of the use of the signalling system in multiservices networks and Integrated Service Digital Networks (ISDN) providing circuit-switched data services have not yet been fully studied.