



1.250

INTEGRATED SERVICES DIGITAL NETWORK (ISDN) SERVICE CAPABILITIES

DEFINITION OF SUPPLEMENTARY SERVICES

ITU-T Recommendation I.250

(Extract from the *Blue Book*)

NOTES

- 1 ITU-T Recommendation I.250 was published in Fascicle III.7 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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DEFINITION OF SUPPLEMENTARY SERVICES

(Melbourne, 1988)

1 General

Recommendation I.210 describes the principles for defining telecommunication services supported by an ISDN including the concept of bearer services, teleservices and supplementary services. It also provides the means for the definition and description of such services.

The purpose of this Recommendation is to define a recommended set of supplementary services to be used in association with basic bearer services and with basic teleservices. These definitions form the basis for detailed descriptions as given in Recommendations I.251 to I.257, which are used to define the network capabilities required.

Supplementary services are described by prose definitions and descriptions and by dynamic descriptions following the description method given in Recommendation I.130. The application for supplementary services of the attribute technique described in Recommendation I.140 is for further study.

Note - Alignment and interworking between user facilities as defined in Recommendations X.2 and X.301 for the provision of data transmission services and the supplementary services in the I.250-Series and interworking in the I.500-Series of Recommendations require further study.

2 List of supplementary services

The following set of supplementary services is currently identified and more may be identified in the future:

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|----------------|---------|---|
| Recommendation | I.251 | Number Identification supplementary services |
| | I.251.1 | Direct-Dialling-In (DDI) |
| | I.251.2 | Multiple Subscriber Number (MSN) |
| | I.251.3 | Calling Line Identification Presentation (CLIP) |
| | I.251.4 | Calling Line Identification Restriction (CLIR) |
| | I.251.5 | Connected Line Identification Presentation (COLP) |
| | I.251.6 | Connected Line Identification Restriction (COLR) |
| | I.251.7 | Malicious Call Identification (MCI) (Note) |
| | I.251.8 | Sub-addressing (SUB) (Note) |
| Recommendation | I.252 | Call Offering supplementary services |
| | I.252.1 | Call Transfer (CT) |
| | I.252.2 | Call Forwarding Busy (CFB) |
| | I.252.3 | Call Forwarding No Reply (CFNR) |
| | I.252.4 | Call Forwarding Unconditional (CFU) |
| | I.252.5 | Call Deflection (CD) (Note) |
| | I.252.6 | Line Hunting (LH) |
| Recommendation | I.253 | Call Completion supplementary services |
| | I.253.1 | Call Waiting (CW) |
| | I.253.2 | Call Hold (HOLD) |
| | I.253.3 | Completion of Calls to Busy Subscribers (CCBS) (Note) |
| Recommendation | I.254 | Multiparty supplementary services |
| | I.254.1 | Conference Calling (CONF) |
| | I.254.2 | Three Party Service (3PTY) |