ITU

INTERNATIONAL TELECOMMUNICATION UNION

ITU-T   I.200

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

INTEGRATED SERVICES DIGITAL NETWORK (ISDN)

SERVICE CAPABILITIES

GUIDANCE TO THE I.200 - SERIES OF RECOMMENDATIONS

ITU-T Recommendation I.200

(Extract from the *Blue Book*)

NOTES

1　　　ITU-T Recommendation I.200 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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Recommendation I.200

<p style="text-align:center">GUIDANCE TO THE I.200-SERIES OF RECOMMENDATIONS</p>

<p style="text-align:center"><i>(Melbourne, 1988)</i></p>

1   General

The Recommendations in the I.200-Series cover the aspects of the telecommunications services supported by ISDNs. They contain the definitions, descriptions and details on the provision of bearer services, teleservices and their associated supplementary services.

In the layout of the I.200-Series of Recommendations the following objectives have been taken into account:

- to achieve a systematic structure which is open to future enhancement;
- to facilitate the requirements of different readers by separating, in specific Recommendations, general service concepts and definitions from Recommendations covering detailed characteristics of individual services;
- to use systematically the service description method given in Recommendation I.130 where, the stage 1, telecommunication services are described in three steps:
    1) prose definition and description;
    2) static description using attributes;
    3) dynamic description using graphic means.

2   Structure of the I.200-Series of Recommendations

Section 2.1 gives the layout and Figure 1/I.200 illustrates the structure of the I.200-Series of Recommendations.

The general service concepts and principles are given in Recommendation I.210. Annexes to Recommendation I.210 describe the application of the service description method to the three service families: bearer services, teleservices and supplementary services.

A separate section of the I.200-Series is allocated to each service family. Within each of these sections the first Recommendation gives an overview of the services within each family and the subsequent Recommendations specify in detail individual services. The reader interested in an overview of service concepts and principles, as well as the method to describe services, will find them in Recommendations I.210, I.230, I.240 and I.250.

The reader interested in the detailed characteristics of individual services will find them in Recommendations I.231, I.232, I.241 and I.251-I.257. Detailed items of common significance are defined and described in the I.220-Series of Recommendations.

Note - In the CCITT Red Book (1984) all ISDN service requirements were contained in three Recommendations, numbered I.210, I.211 and I.212. References have been made widely to these three Recommendations in other Recommendations and elsewhere, and to facilitate a translation to the new CCITT Blue Book (1988)   version   of   the I.200 Recommendations Appendix I shows the mapping between the Red Book and Blue Book versions of the I.200-Series of Recommendations.

2.1   *Layout of the I.200-Series of Recommendations*

I.200   Guidance to the I.200-Series of Recommendations

SECTION 1   -   *General aspects of services in an ISDN*

I.210   Principles of telecommunication services supported by an ISDN and the means to describe them

SECTION 2   -   *Common aspects of services in an ISDN*

I.220   Common dynamic description of basic telecommunication services

I.221   Common specific characteristics of services

SECTION 3 -   *Bearer services supported by an ISDN*

I.230   Definition of bearer services categories

I.231   Circuit mode bearer services categories

I.232   Packet mode bearer services categories

SECTION 4 -   *Teleservices supported by an ISDN*

I.240   Definition of teleservices

I.241   Teleservices supported by an ISDN

SECTION 5 -   *Supplementary services in an ISDN*

I.250   Definition of supplementary services

I.251   Number identification supplementary services

I.252   Call offering supplementary services

I.253   Call completion supplementary services

I.254   Multi-party supplementary services

I.255   "Community of Interest" supplementary services

I.256   Charging supplementary services

I.257   Additional information transfer supplementary services
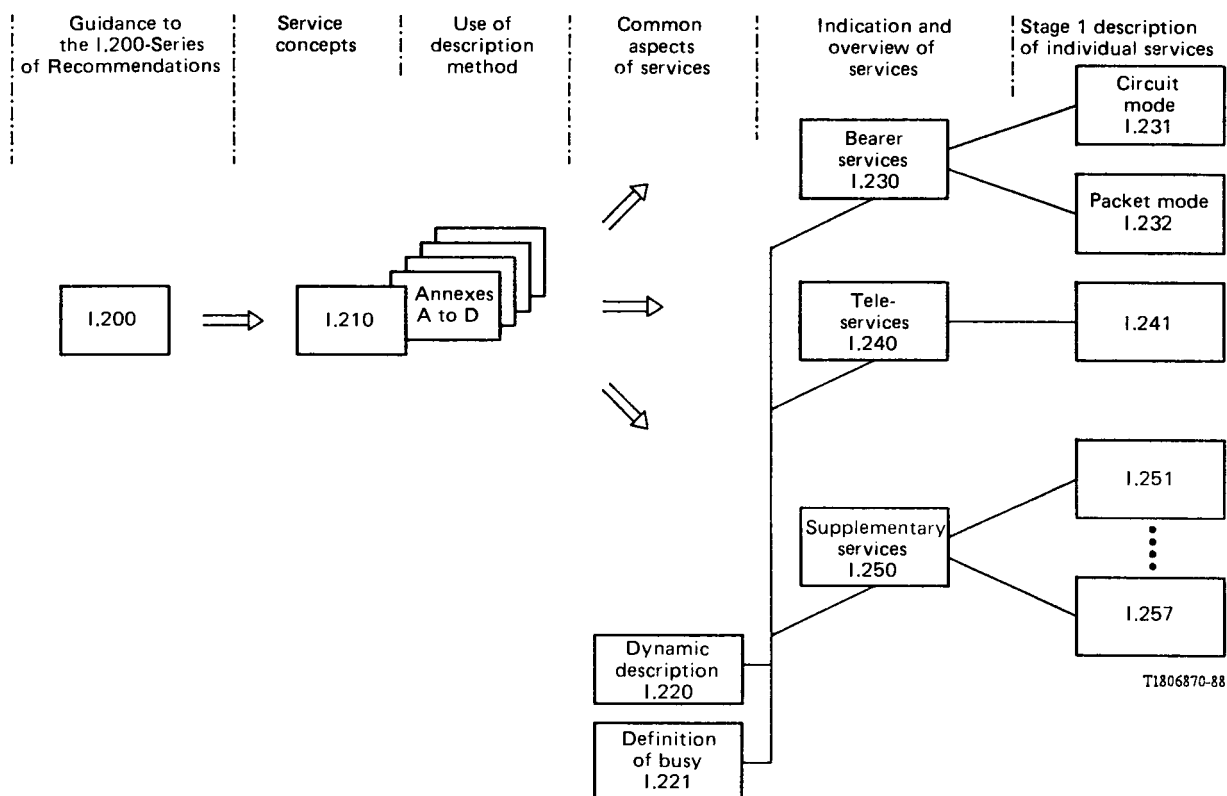
FIGURE 1/I.200

Structure of the I.200-Series of Recommendations

APPENDIX I

(to Recommendation I.200)

Mapping between the Red Book and Blue Book
I.200-Series of Recommendations

Red Book Recommendations	*Blue Book Recommendations*
Rec. I.210 § 1-6	Rec. I.210 § 1-6
Rec. I211 § 1	Rec. I.210 Annex B
2	I.230 § 2
2.1	2.1
2.1.1	I.231 § 1
2.1.2	2
2.1.3	3
2.1.4	4
2.1.5	Deleted
2.1.6	I.231 § 6
2.1.7	7
2.1.8	8
2.2	I.230 § 2.2
2.2.1	I.232 § 1
2.2.2	2
3	I.230 § 3
3.1.1	I.231 § 1.7.2
3.1.2	2.7.2
3.1.3	3.7.2
3.1.4	4.7.2
3.1.5	Deleted
3.1.6	I.231 § 6.7.2
3.1.7	7.7.2
3.1.8	8.7.2
3.2.1	I.232 § 1
3.2.2	2
Rec. I.212 § 1	Rec. I.210 § C.1
2	C.2