

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

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 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, for 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

Table 1/I.200 shows 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 methodology 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 1984 Recommendations in other Recommendations and elsewhere, and to facilitate a translation to the new 1988 version of the I.200 Recommendations Appendix A shows the mapping between the 1984 and 1988 I.200-Series of Recommendations.

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

Appendix A

(to Recommendation I.200)

Mapping between the 1984 and 1988 I.200-Series of Recommendations

1984 Recommendations

1988 Recommendations

Rec. I.210 § 1-6

Rec. I.210 § 1-6

Rec. I.211 § 1

Rec. I.210 Annex B

2	I.230 § 2	
2.1		2.1
2.1.1		I.231 A
2.1.2		B
2.1.3		C
2.1.4		D
2.1.5		Deleted
2.1.6		I.231 F
2.1.7		G
2.1.8		H
.2.2		I.230 § 2.2
2.2.1		I.232 A
2.2.2		B

3	I.230 § 3
3.1.1	I.231 A § 7.2
3.1.2	B § 7.2
3.1.3	C § 7.2
3.1.4	D § 7.2
3.1.5	Deleted
3.1.6	I.231 F § 7.2
3.1.7	G § 7.2
3.1.8	H § 7.2
3.2.1	I.232 § 1.4
3.2.2	§ 2.4

Rec. I.212 § 1	I.210 Annex C § 1
2	§ 2

Recoup FIGURE 1/I.200