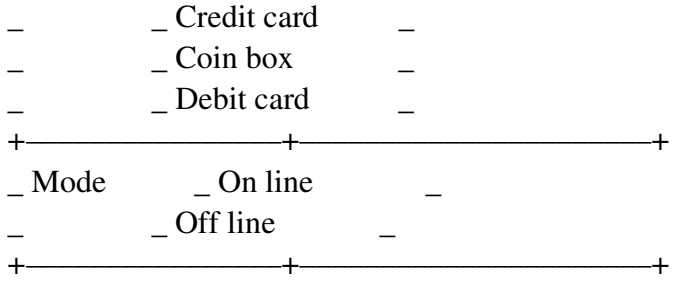

1) For further study

2) The identification and definition of values for supplementary services (e.g., registration, activation) is for further study.

be selected for each network charging capability attribute. Assignment of attribute values for a specific service will allow the determinations of the network requirements relating to this service.

The definition of charging requirements in terms of network charging capability attributes is intended to provide a link between the service charging characteristics and the respective network charging mechanisms.

Network charging capability attributes are also intended to indicate the range of information to be transferred either within the signalling network or by some other means.

Annex 1 lists the candidate network charging capability attributes and the possible values so far identified.

ANNEX 1

(to Recommendation I.141)

Candidate network charging capability attributes

TABLE A-1/I.141

Attribute	Possible Values
Charging capabilities	
Usage 2)	Service requested
	Call attempt 1)
	Call set up
	Duration
	Volume
	Basis of provision
Modulation	Distance
	Time of usage
Billing capabilities	
Billing identification	Calling party (Sent paid)
	Called party (Reverse/collect)
	Transferred (Third party)
Collection	Subscriber billing

9.Recommendation I.141

ISDN NETWORK CHARGING CAPABILITIES ATTRIBUTES

1.Preamble

On the basis of charging principles provided in the D.2xx-Series, this Recommendation covers the method for identifying the network charging capabilities and provides a candidate list of attributes in Annex 1.

2.General

ISDNs shall support a range of services as defined in the I.200-Series of Recommendations. Charging capabilities and mechanisms need to be associated with each service.

To ensure that service charging requirements may be supported by network charging facilities, it is essential that the service requirements be specified in a format which simplifies the identification of network requirements. The attribute technique is considered an appropriate mechanism by which service requirements may be related to network requirements and has thus been utilized in this Recommendation.

3.ISDN services characteristics

Specifically, the services to which network charging capabilities attributes should be applied are as given in Table 1/I.141.

TABLE 1/I.141

Service	Recommendations
Bearer services	I.230-Series
Teleservices	I.240-Series
Supplementary services	I.250-Series

4.Role and application of the attribute technique

For each service defined in the I.200-Series Recommendations one set of attribute values should