INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

Q.1200

(03/93)

GENERAL RECOMMENDATIONS ON TELEPHONE SWITCHING AND SIGNALLING

INTELLIGENT NETWORK

Q-SERIES INTELLIGENT NETWORK RECOMMENDATION STRUCTURE

ITU-T Recommendation Q.1200

(Previously “CCITT Recommendation”)

FOREWORD

The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of the International Telecommunication Union. The ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Conference (WTSC), which meets every four years, established the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

ITU-T Recommendation Q.1200 was prepared by the ITU-T Study Group XI (1988-1993) and was approved by the WTSC (Helsinki, March 1-12, 1993).

NOTES

1 As a consequence of a reform process within the International Telecommunication Union (ITU), the CCITT ceased to exist as of 28 February 1993. In its place, the ITU Telecommunication Standardization Sector (ITU-T) was created as of 1 March 1993. Similarly, in this reform process, the CCIR and the IFRB have been replaced by the Radiocommunication Sector.

In order not to delay publication of this Recommendation, no change has been made in the text to references containing the acronyms "CCITT, CCIR or IFRB" or their associated entities such as Plenary Assembly, Secretariat, etc. Future editions of this Recommendation will contain the proper terminology related to the new ITU structure.

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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INTRODUCTION

A block of one hundred numbers has been set aside in the Q-Series for the development of intelligent network (IN) Recommendations. This Recommendation, the first in that series, has been developed to organize the Recommendations in a meaningful way to assists users in locating topics of interest. It defines the structure of the Q.1200-Series Recommendations and assigns blocks of numbers to the groupings of IN capabilities known as capability sets (CSs) and blocks of numbers for general and vocabulary sections. In addition, this Recommendation provides a structural overview of the content of each Recommendation.

This Recommendation has been developed with a long range view in mind. By assigning blocks of numbers to each capability set (CS-1, CS-2, CS-n), an organized, parallel structure across capability sets can be maintained; for example, CS-1 has been assigned the Q.121x block of numbers.

Associated work has been documented in the I-Series Recommendations. For the sake of consistency Recommendations Q.1201, Q.1202 and Q.1203 have been assigned numbers in the I-Series Recommendations (I.312, I.328 and I.329, respectively).

The text in this Recommendation is considered to be “stable”.

Recommendation Q.1200

Q-SERIES INTELLIGENT NETWORK RECOMMENDATION STRUCTURE

(Helsinki, 1993)

1 General structure

Table 1 shows the overall Q.1200-Series intelligent network Recommendation structural distribution through the ten's digits (12<u>0</u>1, 12<u>1</u>1, 12<u>2</u>1, etc.) and the ones digits (i.e., 120<u>1</u>, 121<u>1</u>, 122<u>1</u>, etc.).

TABLE 1/Q.1200

Recommendation framework structure

00 – General	
10 – CS-1	1 – Principles introduction
20 – CS-2	2 – Service plane (not included for CS-1)
30 – CS-3	3 – Global functional plane
40 – CS-4	4 – Distributed functional plane
50 – CS-5	5 – Physical plane
60 – CS-6	6 – For future use
70 – CS-7	7 – For future use
80 – CS-8	8 – Interface Recommendations
90 – Glossary	9 – Intelligent network user's guide
NOTES 1 1200 is assigned as for the IN Recommendation framework structure. 2 1290-Series has been set aside for the glossary. Units numbering will reflect the glossary for the appropriate numbered CS version, i.e., 1291=CS-1, etc., and 1290 will be the General Glossary section.	

2 Q-Series intelligent network Recommendation overview

Q.1200 Q-Series intelligent network Recommendation structure

1 General structure

2 Q-Series intelligent network Recommendation overview

I.312/Q.1201 – Principles of intelligent network architecture

1 Objectives and overall description

1.1 Motivation, objectives and scope of intelligent network

1.1.1 Motivation

1.1.2 Objectives of intelligent network

1.1.3 Scope of intelligent network

I.328/Q.1202 – Intelligent network service plane architecture

I.329/Q.1203 – Intelligent network global functional plane architecture

Q.1204 – Intelligent network distributed functional plane architecture

Q.1205 – Intelligent network physical plane architecture

Q.1208 – General aspects of the intelligent network application protocol

Q.1211 – Introduction to intelligent network capability set 1

Q.1215 – Physical plane for intelligent network CS-1

Q.1218 – Interface Recommendations for intelligent network CS-1

3 Procedures

3.1 Definition of procedures at entities

3.1.1 SSP application entity procedures

3.1.2 SCF application entity procedures

3.1.3 SRF application entity procedures

3.1.4 SDF application entity procedures

Appendix I – Aspects of the intelligent network interface identified as "for further study" (FFS) relative to CS-1

Q.1219 – Intelligent network users guide for capability set-1

NOTE – Q.1219 is under development and will be approved subsequent to publication of this Recommendation.

Q.1220 – Series intelligent network capability Set 2

NOTE – Document structure is the same as CS-1

Q.1230 – Series intelligent network capability Set 3

NOTE – Document structure is the same as CS-1

Q.1290 – Glossary of terms used in the definition of intelligent networks

1 General

2 Terms and definitions (listed alphabetically)

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