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GENERAL ASPECTS OF B-ISDN

BROADBAND INTEGRATED SERVICES DIGITAL NETWORK OVERVIEW – SIGNALLING CAPABILITY SET 1, RELEASE 1

ITU-T Recommendation Q.2010

(Previously “CCITT Recommendation”)

FOREWORD

The ITU-T (Telecommunication Standardization Sector) is a permanent organ of the International Telecommunication Union (ITU). 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, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1 (Helsinki, March 1-12, 1993).

ITU-T Recommendation Q.2010 was prepared by ITU-T Study Group 11 (1993-1996) and was approved under the WTSC Resolution No. 1 procedure on the 7th February 1995.

NOTE

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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SUMMARY

This Recommendation provides an introduction to signalling in the broadband integrated services digital network. Included is a presentation of the signalling reference configurations, possible signalling relationships between network entities, the signalling protocol stacks used in these configurations and pointers to Recommendations which provide the detailed protocol descriptions. Also included is a brief introduction to the principles of ATM.