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SERIES Q: SWITCHING AND SIGNALLING

**Supplement to the Q.2900-series
Recommendations: Broadband integrated
services digital network (B-ISDN) – Digital
subscriber signalling system No. 2 (DSS2) –
User-network interface layer 3 – Overview of
B-ISDN DSS2 signalling capabilities**

ITU-T Q-series Recommendations – Supplement 25
(Formerly CCITT Recommendations)



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Supplement 25 to ITU-T Q-series Recommendations

Supplement to the Q.2900-series Recommendations: Broadband integrated services digital network (B-ISDN) – Digital subscriber signalling system No. 2 (DSS2) – User-network interface layer 3 – Overview of B-ISDN DSS2 signalling capabilities

Summary

This Supplement provides an introduction to the capabilities included in the access signalling protocols for the Broadband Integrated Services Digital Network. Included is an overview of the capabilities supported, an introduction to, and index of, Recommendations which provide the detailed protocol descriptions.

Source

Supplement 25 to ITU-T Q-series Recommendations was prepared by ITU-T Study Group 11 (1997-2000) and approved under the WTSC Resolution 5 procedure on 3 December 1999.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. 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 turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSC Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this publication, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Supplement 25 to ITU-T Q-series Recommendations

Supplement to the Q.2900-series Recommendations: Broadband integrated services digital network (B-ISDN) – Digital subscriber signalling system No. 2 (DSS2) – User-network interface layer 3 – Overview of B-ISDN DSS2 signalling capabilities

1 Scope

This Supplement contains an overview and scope of the signalling capabilities contained in Recommendations for the B-ISDN User-Network Interface. Details of those capabilities are provided within the specific Recommendations summarized within clause 5.

2 References

The following Technical Reports and other references contain provisions which, through reference in this text, constitute provisions of this Supplement. At the time of publication, the editions indicated were valid. All supplements and other references are subject to revision; all users of this Supplement are therefore encouraged to investigate the possibility of applying the most recent edition of the supplements and other references listed below. A list of the currently valid ITU-T Recommendations and supplements is regularly published.

- [1] ITU-T Recommendation I.356 (2000), *B-ISDN ATM layer cell transfer performance*.
- [2] ITU-T Recommendation I.371 (2000), *Traffic control and congestion control in B-ISDN*.
- [3] ITU-T Recommendation X.219 (1988), *Remote operations: Model, notation and service definition*.
- [4] ITU-T Q-series Recommendations – Supplement 7 (1999), *Technical Report TRQ.2001: General aspects for the development of unified signalling requirements*.

3 Abbreviations

This Supplement uses the following abbreviations:

ABR	Available Bit Rate
ABT	ATM Block Transfer
AESA	ATM End System Address
ATM	Asynchronous Transfer Mode
ATS	Abstract Test Suite
BC	Bearer Control (Connection Control)
BCOB	Broadband Connection-Oriented Bearer
B-ISDN	Broadband Integrated Services Digital Network
CC	Call Control
CDVT	Cell Delay Variation Tolerance
CLIP	Calling Line Identification Presentation
CLIR	Calling Line Identification Restriction