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SERIES Q: SWITCHING AND SIGNALLING

**Broadband ISDN – B-ISDN application protocols for
access signalling**

**Digital subscriber signalling system No. 2 –
Additional traffic parameters: Support of ATM
transfer capability in the broadband bearer
capability information element**

ITU-T Recommendation Q.2961.2

(Previously CCITT Recommendation)

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ITU-T RECOMMENDATION Q.2961.2**DIGITAL SUBSCRIBER SIGNALLING SYSTEM No. 2 – ADDITIONAL TRAFFIC
PARAMETERS: SUPPORT OF ATM TRANSFER CAPABILITY IN THE
BROADBAND BEARER CAPABILITY INFORMATION ELEMENT****Summary**

This Recommendation is part of the DSS 2 family of Recommendations. It specifies the revision of the Broadband bearer capability information element coding from that which was specified in the first edition of Recommendation Q.2931 (1995) in order to enable the identification of the ATM transfer capability as defined in the second edition of Recommendation I.371 (1996). This Recommendation is designed, in addition, to be compatible with implementations conforming to the first edition of ITU-T Recommendation I.371 (1993) and Recommendation Q.2931 (1995).

Source

ITU-T Recommendation Q.2961.2 was prepared by ITU-T Study Group 11 (1997-2000) and was approved under the WTSC Resolution No. 1 procedure on the 5th June 1997.

FOREWORD

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The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 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 Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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Introduction

This Recommendation has been prepared to provide information on the use of the Broadband bearer capability that is consistent with the second edition of Recommendation I.371.

This Recommendation is issued in conjunction with an addendum to Recommendation Q.2931. This Recommendation is designed in addition to be compatible with implementations conforming to the first edition of Recommendation I.371 (1993) and Recommendation Q.2931 (1995).

Within this Recommendation, the changes from Recommendation Q.2931 (1995) are as follows:

- Octet 5a of the Broadband bearer capability information element was restructured to support the ATM Transfer Capabilities (ATC) specified in the second edition of Recommendation I.371. This restructuring is backward compatible with the first edition of Recommendation Q.2931 (i.e. values of Octet 5a defined in the first edition of Recommendation Q.2931 still have the same meaning). These values may be either those used on transmission and reception, those not generated by terminal equipment complying with this Recommendation, or those that are reserved.
- A new octet, Octet 7, of the Broadband bearer capability information element specified in Recommendation Q.2933, is shown.