

**Information
technology —
Telecommunications
and information
exchange between
systems —
Broadband Private
Integrated Services
Network —
Inter-exchange
signalling protocol —
Signalling ATM
adaptation layer**

ICS 33.040.40;35.110

NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

BSI
Documents

AVA

Document Sharing Hub

National foreword

This British Standard reproduces verbatim ISO/IEC 13246:1997 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee IST/6, Data communications, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request to its secretary.

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO/IEC title page, pages ii to iv, pages 1 to 17 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date	Comments

This British Standard, having been prepared under the direction of the DISC Board, was published under the authority of the Standards Board and comes into effect on 15 February 1998

© BSI 04-1999

ISBN 0 580 29266 5

Contents

	Page
National foreword	Inside front cover
Foreword	iii
Text of ISO/IEC 13246	1

INTERNATIONAL STANDARD

ISO/IEC 13246

First edition
1997-12-15

Information technology — Telecommunications and information exchange between systems — Broadband Private Integrated Services Network — Inter-exchange signalling protocol — Signalling ATM adaptation layer

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Réseau privé à large bande à intégration
de services — Protocole de signalisation d'échange — Couche d'adaptation
de signalisation ATM*



Contents

	Page
Foreword	iii
Introduction	1
1 Scope	1
2 Conformance	1
3 Normative References	1
4 Definitions	1
5 List of Acronyms	1
6 Description	2
6.1 Common Part — AAL Type 5	2
6.2 SSCOP	2
6.3 SSCF for Broadband Inter-PINX Signalling	2
7 Operational Requirements	2
7.1 B-QSIG SAAL Connections	2
7.2 Traffic Management Method for B-QSIG SAAL Connections	2
8 B-QSIG SAAL Specification	2
8.1 Basic Structure	2
8.2 AAL Type 5	2
8.3 SSCOP	2
8.4 SSCF for Broadband Inter-PINX Signaling	3
Annex A (normative) Protocol Implementation Conformance Statement (PICS) proforma for B-QSIG SAAL	5
Annex B (informative) Relationship to corresponding ITU-T Recommendations for public B-ISDN UNIs	12
Annex C (informative) Protocol data unit and related primitive sequences for establishment and release of B-QSIG SAAL connections	13
Figure 1 — B-QSIG SAAL Structure	3
Table A.1	14
Table A.2	15
Table A.3	15
Table A.4	16

Descriptors: Data processing, information interchange, telecommunications, telecommunication network, network interconnection, data transmission, private network, ISDN, signal processing, services, protocols.

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 13246 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

Annex A forms an integral part of this International Standard. Annex B and Annex C are for information only.

