

**Information
technology —
Telecommunications
and information
exchange between
systems —
Local and metropolitan
area networks —
Technical reports and
guidelines —
Media Access Control
(MAC) Bridging of
Ethernet V2.0 in Local
Area Networks**

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ISO/IEC TR title page, pages ii to xii, pages 1 to 13 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.

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

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TECHNICAL REPORT

ISO/IEC TR 11802-5

**ANSI/IEEE
Std 802.1H**

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Information technology — Telecommunications and information exchange between systems — Local and metropolitan area networks — Technical reports and guidelines —

Part 5: Media Access Control (MAC) Bridging of Ethernet V2.0 in Local Area Networks

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Réseaux locaux et métropolitains —
Rapports techniques et lignes directrices —*

*Partie 5: Liant de contrôle d'accès aux supports (MAC) de V2.0 Ethernet
dans les réseaux locaux*



Reference number
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ANSI/IEEE
Std 802.1H, 1997 edition

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Abstract: Extensions to the behavior of ISO/IEC 10038 (IEEE 802.1D) media access control (MAC) Bridges, in order to facilitate interoperability in bridged local area networks (LANs) comprising CSMA/CD networks interconnected with other types of LAN using MAC Bridges, where the CSMA/CD networks contain a mixture of ISO/IEC 8802-3 and Ethernet V2.0 end stations, are specified. Additionally, guidelines are provided for the development of nonstandard 802 protocols, with particular emphasis on conversion of existing Ethernet protocols and the behavior to be expected from a Bridge, for the purpose of avoiding future incompatibilities.

Keywords: carrier sense multiple access with collision detection (CSMA/CD), data processing, Ethernet, fibre distributed data interface (FDDI), information interchange, LAN protocols, local area network (LAN), media access control (MAC) bridges, network interconnection, selective translation, selective translation table

Descriptors: Data processing, information interchange, telecommunications, network interconnection, open systems interconnection, metropolitan area networks; local area networks, data transmission, control procedures, medium access control, addressing, technical reports, rules (instructions).

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**Part 5: Media Access Control (MAC)
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