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15802-5**

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Std 802.1G**

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**Information technology —
Telecommunications and information
exchange between systems — Local and
metropolitan area networks — Common
specifications —**

**Part 5:
Remote Media Access Control (MAC) bridging**

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Réseaux locaux et métropolitains —
Spécifications communes —*

Partie 5: Pontage pour le contrôle d'accès aux supports (MAC) à distance



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Abstract: Extensions to the behavior of ISO/IEC 10038 (IEEE 802.1D) media access control (MAC) bridges, including the aspects of operation of remote MAC bridges that are observable on the interconnected LANs, are specified. A protocol for (optional) use between remote MAC bridges, across the non-LAN communications equipment that interconnects them, to configure the remote bridges within the bridged LAN in accordance with the spanning tree algorithm of ISO/IEC 10038: 1993, is also provided.

Keywords: bridge management, local area network (LAN), local bridge, logical link control, media access control (MAC) bridges, remote bridge, spanning tree algorithm, spanning tree protocol

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