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TECHNICAL CORRIGENDUM 1

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Telecommunications and exchange between information technology systems — Requirements for local and metropolitan area networks —

Part 1AC:
Media access control (MAC) service definition

TECHNICAL CORRIGENDUM 1: Logical Link Control (LLC) Encpsulation EtherType

Télécommunications et échange entre systèmes informatiques -- Exigences pour les réseaux locaux et métropolitains —

Partie 1AC: Définition du service de contrôle d'accès au support (MAC)

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to ISO/IEC/IEEE 8802-1AC:2018 was prepared by the LAN/MAN of the IEEE Computer Society (as IEEE Std 802.1AC-2016/Cor 1-2018) and drafted in accordance with its editorial rules. It was adopted, under the “fast track procedure” defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*.

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IEEE Std 802.1AC™-2016/Cor 1-2018
(Corrigenda to IEEE Std 802.1AC-2016)

IEEE Standard for Local and Metropolitan Area Networks—

Media Access Control (MAC) Service Definition

Corrigendum 1: Logical Link Control (LLC) Encapsulation EtherType

Sponsor
LAN/MAN Standards Committee
of the
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IEEE-SA Standards Board

Abstract: This corrigendum to IEEE Std 802.1AC™-2016 corrects the value of the LLC Encapsulation EtherType.

Keywords: IEEE 802®, IEEE 802.1AC™, Internal Sublayer Service, ISS, LAN, local area network, MAC Service, MAN, metropolitan area network

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Introduction

This introduction is not part of IEEE Std 802.1AC-2016/Cor 1-2018, IEEE Standard for Local and Metropolitan Area Networks—Media Access Control (MAC) Service Definition Corrigendum 1: Logical Link Control (LLC) Encapsulation EtherType.

This standard contains state-of-the-art material. The area covered by this standard is undergoing evolution. Revisions are anticipated within the next few years to clarify existing material, to correct possible errors, and to incorporate new related material. Information on the current revision state of this and other IEEE 802 standards may be obtained from

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(This corrigendum is based on IEEE Std 802.1AC™-2016)

NOTE—The editing instructions contained in this amendment define how to merge the material contained here into the base document and its other amendments to form the new comprehensive standard.

Editing instructions are shown ***bold italic***. Four editing instructions are used: change, delete, insert, and replace. ***Change*** is used to make corrections in existing text or tables. The editing instruction specifies the location of the change and describes what is being changed by using either ~~strikethrough~~ (to remove old material) or underscore (to add new material). ***Delete*** removes existing material. ***Insert*** adds new material without disturbing the existing material. Insertions may require renumbering. If so, renumbering instructions are given in the editing instruction. ***Replace*** is used to make large changes in existing text, subclauses, tables, or figures by removing existing material and replacing it with new material. Editorial notes will not be carried over into future editions because the changes will be incorporated into the base standard.[1]

[1] Notes in text, tables, and figures are given for information only and do not contain requirements needed to implement the standard.

Change Table 12-2 as shown.

12. Protocol discrimination and media

12.2 M_UNITDATA.indication data transformation for LPD media

Table 12-2—LLC encapsulation EtherType

Assignment	Value
LLC encapsulation EtherType	~~C9-D1~~ 88-70

Insert NOTE 2 after the existing NOTE, renumbering that as NOTE 1.

NOTE 2—The IEEE 802.1AC-2016 revision of this standard added the LLC encapsulation EtherType. Efforts to contact the assignee of the EtherType 88-70, already used for this purpose, were unsuccessful, so the standard was published with the value C9-D1. Following publication, the assignee granted permission for use of EtherType 88-70, and IEEE Std 802.1AC-2016/Cor-1 substituted this value in Table 12-2 to avoid interoperability issues.