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AMENDMENT 10
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Information technology — Telecommunications and information exchange between systems — High-level data link control (HDLC) procedures — Classes of procedures

AMENDMENT 10: Extension of HDLC sequence number modulus beyond 128

Technologies de l'information — Télécommunications et échange d'informations entre systèmes — Procédures de commande de liaison de données à haut niveau (HDLC) — Classes de procédures

AMENDEMENT 10: Extension du module du numéro de séquence HDLC au-delà de 128

Reference number
ISO/IEC 7809:1993/Amd.10:1995(E)

Foreword

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Amendment 10 to International Standard ISO/IEC 7809:1993 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems.*

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Introduction

This amendment to ISO/IEC 7809:1993 increases the modulus number (i.e. the sequence number) in steps up to a maximum of 2 147 483 648 which can be represented in 31 bits. This is done by the introduction of a new "Set Mode" command that can be used to negotiate or indicate the modulus in absence of, or to override, a default value. This uses an optional information field in the "Set Mode" command.

This amendment adds details necessary in extending the modulus beyond 128 and also the introduction of the information field in the mode-setting commands/responses.