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Information technology — Telecommunications and information exchange between systems — Elements of management information related to OSI Data Link Layer standards

**AMENDMENT 1: Addition of DCE conditions and
new attributes**

*Technologies de l'information — Télécommunications et échange d'information
entre systèmes — Éléments d'information de gestion concernant les normes de la
couche de liaison de données OSI*

AMENDEMENT 1: Addition de conditions DCE et de nouveaux attributs



Reference number
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Foreword

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Amendment 1 to International Standard ISO/IEC 10742:1994 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 10742:1994 adds specifications answering to requirements for DCE aspects and some new attributes for LAPBDLE MOs and IVMOs.

These new specifications came out of the comments to DIS 10742. They will be merged into the base document ISO/IEC 10742:1994 at the next revision.

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AMENDMENT 1: Addition of DCE conditions and new attributes

5.1.3.2 DLE

Change the last sentence to:

"The sN-ServiceProvider attribute of the Network layer Linkage, X25PLE-DTE MOs and X25PLE-DCE" MOs contains the local distinguished name of a 'DLE' MO".

5.6 The LAPB Data Link Entity managed object

Add a new CONDITIONAL PACKAGE to IAPBDLE MO CLASS:

"mLP-Counters-P PRESENT IF ITU-T DCE mode operation is supported"

Add the attributes mW and mX in the mLP-P PACKAGE:

"mW REPLACE-WITH-DEFAULT GET-REPLACE
mX REPLACE-WITH-DEFAULT GET-REPLACE"

Add the following definition of the new CONDITIONAL PACKAGE in Packages:

"mLP-Counters-P PACKAGE
BEHAVIOUR mLP-Counters-P-B BEHAVIOUR
DEFINED AS
Additional properties present when ITU-T DCE mode operation is supported;;
ATTRIBUTES
receivedMlpResets REPLACE-WITH-DEFAULT GET-REPLACE,
timesMT1Expired REPLACE-WITH-DEFAULT GET-REPLACE,
iFramesReassignments REPLACE-WITH-DEFAULT GET-REPLACE,
receivedMlpFramesInGuardRegion REPLACE-WITH-DEFAULT GET-REPLACE,
REGISTERED AS {DLM.poi mLP-Counters-P(6)};"

Add the following definitions of the new ATTRIBUTES in Attributes:

"iFramesReassignments ATTRIBUTE
DERIVED FROM "GMI":nonWrapping64BitCounter;
BEHAVIOUR iFramesReassignments-B BEHAVIOUR
DEFINED AS
Counter. Number of reassignments of IFrames on another slp;;
REGISTERED AS {DLM.aoi iFramesReassignments(46)};"

mW ATTRIBUTE
WITH ATTRIBUTE SYNTAX DLM.MW;