

INTERNATIONAL  
STANDARD

**ISO/IEC**  
**10742**

First edition  
1994-08-01

**AMENDMENT 3**  
1996-12-15

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

AMENDMENT 3: Addition of new counter  
attributes

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

*AMENDEMENT 3: Addition de nouveaux contre-attributs*



Reference number  
ISO/IEC 10742:1994/Amd.3:1996(E)

## Foreword

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Amendment 3 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 adds specifications answering to requirements for Counter Attributes from ITU-T SG 7.

These new specifications came out of the comments to ISO/IEC 10742 DAM 1. They will be merged into the base document ISO/IEC 10742:1994 at the next revision.

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

## AMENDMENT 3: Addition of new counter attributes

### 5.6 The LAPB Data Link Entity managed object

Add the following attributes in the new *CONDITIONAL PACKAGE* mLP-Counters-P *PACKAGE*:

```
" mlpFramesReceived REPLACE-WITH-DEFAULT GET-REPLACE,
  mlpFramesSent REPLACE-WITH-DEFAULT GET-REPLACE,
  mlpFramesOutsideWindowGuard REPLACE-WITH-DEFAULT GET-REPLACE,"
```

Add the following definitions of the new *ATTRIBUTES* in *Attributes*:

```
" mlpFramesReceived ATTRIBUTE
  DERIVED FROM "GMI":nonWrapping64BitCounter;
  BEHAVIOUR mlpFramesReceived-B BEHAVIOUR
  DEFINED AS
    Counter. Total number of mlp frames received.;;
  REGISTERED AS {DLM.aoi mlpFramesReceived(52)};
```

```
mlpFramesSent ATTRIBUTE
  DERIVED FROM "GMI":nonWrapping64BitCounter;
  BEHAVIOUR mlpFramesSent-B BEHAVIOUR
  DEFINED AS
    Counter. Total number of mlp frames Sent.;;
  REGISTERED AS {DLM.aoi mlpFramesSent(53)};
```

```
mlpFramesOutsideWindowGuard ATTRIBUTE
  DERIVED FROM "GMI":nonWrapping64BitCounter;
  BEHAVIOUR mlpFramesOutsideWindowGuard-B BEHAVIOUR
  DEFINED AS
    Counter. Total number of mlp frames outside the window guard that have been received.;;
  REGISTERED AS {DLM.aoi mlpFramesOutsideWindowGuard(54)};"
```

### Annex A (normative) Allocation of Object Identifiers

Add the following *Object Identifiers* to *attribute (7)*

```
"mlpFramesReceived(52)
  mlpFramesSent(53)
  mlpFramesOutsideWindowGuard(54)"
```

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