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

Data Link Layer standards

(standards.iteh.ai)

**AMENDMENT 3: Addition of new counter
attributes**

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996>

*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

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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*.

[ISO/IEC 10742:1994/Amd 3:1996](https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abcccccebae/iso-iec-10742-1994-amd-3-1996)

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abcccccebae/iso-iec-10742-1994-amd-3-1996>

© ISO/IEC 1996

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

ISO/IEC Copyright Office • Case postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

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.

iTeh STANDARD PREVIEW (standards.iteh.ai)

[ISO/IEC 10742:1994/Amd 3:1996](https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996)

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996>

iTeh STANDARD PREVIEW
This page intentionally left blank
(standards.iteh.ai)

ISO/IEC 10742:1994/Amd 3:1996

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996>

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)};
  https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-
  28abccccebae/iso-iec-10742-1994-amd-3-1996
  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)"
```

iTeh STANDARD PREVIEW
This page intentionally left blank
(standards.iteh.ai)

ISO/IEC 10742:1994/Amd 3:1996

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996>

iTeh STANDARD PREVIEW
This page intentionally left blank
(standards.iteh.ai)

ISO/IEC 10742:1994/Amd 3:1996

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO/IEC 10742:1994/Amd 3:1996

<https://standards.iteh.ai/catalog/standards/sist/71c56242-4fb2-4180-80cd-28abccccebae/iso-iec-10742-1994-amd-3-1996>

ICS 35.100.20

Descriptors: data processing, information interchange, telecommunications, network interconnection, open systems interconnection, data link layer, management, information.

Price based on 1 page
