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AMENDMENT 1
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Information technology — Open Systems Interconnection — Protocol for providing the connection-mode transport service

AMENDMENT 1: Relaxation of class conformance requirements and expedited data service feature negotiation

Technologies de l'information — Interconnexion de systèmes ouverts (OSI) — Protocole assurant le service de transport en mode connexion

AMENDEMENT 1: Relaxation des prescriptions de conformité de classe et négociation des caractéristiques de service de données exprès

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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 1 to ISO/IEC 8073:1997 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 33, *Distributed application services*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.224/Amd.1.

INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION – PROTOCOL FOR PROVIDING THE CONNECTION-MODE TRANSPORT SERVICE

AMENDMENT 1
Relaxation of class conformance requirements and expedited data service feature negotiation

Introduction

This Amendment introduces optional enhancements, to take into account the requirements of potential OSI users who do not have a need for full implementation, by permitting relaxation of the strict conformance requirements to allow implementations which will never need to support expedited data, or never need to operate over CONS, to still be conformant to ITU-T Rec. X.224 | ISO/IEC 8073 without necessarily implementing either or both of these facilities.

1)   Clause 8

In Table 6, in the row of cells starting with Expedited data transfer, *replace* m *and* x *by* o:

2)   Subclause 12.2.3.2

Replace the existing text of item b) with:

     b)   expedited data, if option is selected (see 6.11);

3)   Subclause 14.2

Replace the existing text with:

14.2   The system shall implement either:

     a)   1)   for conformance to ITU-T Rec. X.224: Class 0; or

              2)   for conformance to ISO/IEC 8073: Class 0, or Class 2, or both.

                  Each of these implies operation over CONS.

     or:

     b)   Class 4 over CLNS.

     or:

     c)   Both a) and b).

          NOTE – Case c) provides full interworking possibility with other transport implementations. Cases a) and b) are restricted to operation in their respective network layer environments. Care should therefore be taken when choosing to implement only a) or b).

4)   Subclause 14.3

Replace existing text with:

14.3   If the system implements class 3, or class 4 operating over CONS, it shall also implement class 2.

5)   Subclause 14.4

In Table 9, in the row of cells starting with Expedited data transfer, *replace* mandatory *with* optional.

6)   Subclause C.6.2

In the row for Index C4L, Status *column, replace* ISO:C2:O *with* ISO:O.1 *and replace* CCT:N/A *with* CCT:O.

7)   Subclause C.9.2

Replace the row for Index T1F11 *with:*

T1F11	Expedited data transfer when operating over CONS (Network normal)	6.11.1	O	Yes No

8)   Subclause C.9.3

Replace the row for Index T2F12 *with:*

T2F12	Expedited data transfer when operating over CONS (Network normal)	6.11.1	O	Yes No

9)   Subclause C.9.4

Replace the row for Index T3F11 *with:*

T3F11	Expedited data transfer when operating over CONS (Network normal)	6.11.1	O	Yes No

10)   Subclause C.9.5

Delete row for Index T4F18.

Delete row for Index T4F26.

Insert new row before Index T4F28:

T4F34	Expedited data transfer (Network normal)	6.11.1, 6.11.2	O	Yes No

11)   Subclause C.10

In the rows for Index ST11, ST12, ST15 *and* ST16, *under the* Status *column, in each, replace* C1 OR C2 OR C3 OR C4 OR C4L:M *by* T1F11 OR T2F12 OR T3F11 OR T4F34:M.