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AMENDMENT 1
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Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Circuit mode bearer services — Inter-exchange signalling procedures and protocol

AMENDMENT 1: Segmentation and reassembly

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Réseau privé avec intégration de
services — Services porteurs en mode circuit — Procédures et protocoles
de signalisation d'interéchange*

AMENDEMENT 1: Segmentation et réassemblage



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Foreword

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Amendment 1 to International Standard ISO/IEC 11572:1997 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 defines the changes required to ISO/IEC 11572 (2nd edition, 1997) to provide a segmentation and reassembly function for long messages.

The contents are expressed as amendments to be made to the base standard. Only those clauses for which amendments are specified are to be changed.

Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Circuit mode bearer services — Inter-exchange signalling procedures and protocol

AMENDMENT 1: Segmentation and reassembly

Subclause 4.12

Replace the text "clauses 9.3 and 10" by "clauses 9.3 and 10, and annex ZA".

Subclause 9.1.1

Replace the text "general procedures in 9.2 and 9.3" by "general procedures in 9.2, 9.3 and annex ZA".

Clause 14

Replace the second paragraph by:

"Whenever a message is sent, according to the procedures of clauses 9, 10 and 11, it shall be coded as specified in this clause, except where the message is segmented according to the procedures of annex ZA, in which case each message segment shall be coded as specified in that annex."

Subclause 14.4, table 21

Replace table 21 (continued) by the following:

Table 21 — Message type (Continued)

Bits								
8	7	6	5	4	3	2	1	
0	1	1	0	1				RELEASE
1	1	0	1	0				RELEASE COMPLETE
0	0	1	1	0				RESTART
0	1	1	1	0				RESTART ACKNOWLEDGE
0	1	1						<i>Miscellaneous messages</i>
0	0	0	0	0				SEGMENT (NOTE 2)
1	1	0	1	1				INFORMATION
1	1	1	0	1				STATUS
1	0	1	0	1				STATUS ENQUIRY

NOTE 2: This message type is only used in conjunction with the message segmentation and reassembly procedures defined in annex ZA.

Subclause 14.5.1, table 22

Modify table 22 by inserting a new row before the row for bearer capability, as follows:

0 0 0 0 0 0 0 0	Segmented message	annex ZA	NOTE 1
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Annex A

Insert the following new subclause at the end of annex A:

A.3.14 Message segmentation / reassembly procedures

Item	Question/feature	Reference	Status	N/A	Support
K1	Maximum message size generated	ZA.3	m		Size []
K2	Maximum message size received	ZA.3	m		Size []
K3	Is length of signalling carriage mechanism information field < max. generated message size	ZA.3	o		Yes [] No []
K4	Is length of signalling carriage mechanism information field < max. received message size	ZA.3	o		Yes [] No []
K5	Procedures for messages segmentation	ZA.3.1	c.12		Yes []
K6	Procedures for messages reassembly	ZA.3.2	c.13	[]	Yes []
K7	Message formats and codings for segmented messages and information elements supported	ZA.4, ZA.5	c.14	[]	Yes []
K8	Implementation of T314	ZA.6	c.13	[]	Yes []

- c.12 If K3, then mandatory else, prohibited
 c.13 If K4, then mandatory else, not applicable
 c.14 If K3 or K4, then mandatory else, not applicable