

# INTERNATIONAL STANDARD

# ISO/IEC 11572

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**AMENDMENT 1**  
1997-06-15

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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*



Reference number  
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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.

Withdrawn

Withdrawn

# 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 | 0 |   |   |                               |
| 1    | 1 | 0 | 1 | 1 |   |   |   |                               |
| 1    | 1 | 1 | 0 | 1 |   |   |   |                               |
| 1    | 0 | 1 | 0 | 1 |   |   |   |                               |
|      |   |   |   |   |   |   |   | SEGMENT (NOTE 2)              |
|      |   |   |   |   |   |   |   | INFORMATION                   |
|      |   |   |   |   |   |   |   | STATUS                        |
|      |   |   |   |   |   |   |   | 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 |
|-----------------|-------------------|----------|--------|

**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<br>< max. generated message size | ZA.3       | o      |     | Yes [ ] No [ ] |
| K4   | Is length of signalling carriage mechanism information field<br>< 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<br>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