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Information technology — Text Communication — Message-Oriented Text Interchange Systems (MOTIS) —

Part 4:

**Message Transfer System: Abstract Service
Definition and Procedures**

**AMENDMENT 1: Minor enhancements:
Notification-type and directory substitution**

*Technologies de l'information — Communication de texte — Systèmes d'échange
de texte en mode message —*

*Partie 4: Système de transfert de message: Procédures et définition de service
abstrait*

*AMENDEMENT 1: Améliorations mineures: Substitution de type de notification et
de répertoire*



Reference number
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Foreword

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Amendment 1 to International Standard ISO/IEC 10021-4:1990 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee 18, *Document processing and related communication*.

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Part 4:

Message Transfer System: Abstract Service Definition and Procedures

AMENDMENT 1: Minor enhancements: Notification-type and
directory substitution

Page 14

Table 3 (Part 2 of 2)

Append to Content Arguments:

Notification-type	O	8.2.1.1.1.38
Service-message	O	8.2.1.1.1.39

Page 25

Add new subclauses 8.2.1.1.1.38 and 8.2.1.1.1.39:

8.2.1.1.1.38 Notification-type

This argument indicates that the **content** is a notification, and indicates that it is one of three types of notification (type-1, type-2 or type-3); the use of these values is defined in the relevant **content** specification. It may be generated by the originator of the message, but shall be generated only if the **content** is a notification as defined in the relevant **content** specification.

The **notification-type** indication is not delivered to the recipient(s) of the message and is not returned to the originator with any report(s). Depending upon policy, this argument may be verified by the MTS.

8.2.1.1.1.39 Service-message

This argument indicates that the message is for service purposes. It may be generated by the originator of the message, but shall be used only by bilateral agreement.

The **service-message** indication is not delivered to the recipient(s) of the message and is not returned to the originator with any report(s). Depending upon policy, this argument may be verified by the MTS.

Page 29

Table 7 (Part 2 of 2)

Append to Content Arguments:

Notification-type	O	8.2.1.1.1.38
Service-message	O	8.2.1.1.1.39

Page 40

Subclause 8.3.1.1.1.5

Append an additional value for **redirection-reason**:

directory-substitution: the **OR-address** of the intended-recipient did not identify a recipient MTS-user; the **OR-name** of that intended-recipient also contained a **directory-name** which was used to obtain from the Directory a different **OR-address** for that intended-recipient; the MTS redirected the message to the replacement **OR-address** for that intended-recipient.

Page 49

Subclause 8.3.1.2.1.11

Append an additional value for **non-delivery-diagnostic-code**:

incorrect-notification-type: the subject-message contained a **notification-type** argument which did not correspond to its **content**.

Page 77

Figure 2 (Part 10 of 26)

Replace the production for PerMessageIndicators by:

```
PerMessageIndicators ::= [APPLICATION 8] BIT STRING {
  disclosure-of-other-recipients (0), -- disclosure-of-other-recipients-allowed 'one',
                                     -- disclosure-of-recipient-prohibited 'zero';
                                     -- ignored for Probe-submission
  implicit-conversion-prohibited (1), -- implicit-conversion-prohibited 'one',
                                     -- implicit-conversion-allowed 'zero'
  alternate-recipient-allowed (2),    -- alternate-recipient-allowed 'one',
                                     -- alternate-recipient-prohibited 'zero'
  content-return-request (3),         -- content-return-requested 'one',
                                     -- content-return-not-requested 'zero';
                                     -- ignored for Probe-submission
  reserved (4),                      -- bit reserved by MOTIS 1986
  bit-5 (5),
  bit-6 (6),
  service-message (7),
  (SIZE (0..ub-bit-options))

  -- notification type-1 : bit 5 'zero' and bit 6 'one'
  -- notification type-2 : bit 5 'one' and bit 6 'zero'
  -- notification type-3 : bit 5 'one' and bit 6 'one'
  -- the mapping between notification type 1, 2, 3
  -- and the content specific notification types is defined
  -- in relevant content specifications
  -- the message content is for service purposes;
  -- it may be a notification related to a service-message;
  -- used only by bilateral agreement -- }
```

Page 79

Figure 2 (Part 12 of 26) (as modified by Technical Corrigendum 4)

In the production for NonDeliveryDiagnosticCode, replace:

```
transfer-attempts-limit-reached (49) } (0..ub-diagnostic-codes)
```

by:

```
transfer-attempts-limit-reached (49),
incorrect-notification-type (50) } (0..ub-diagnostic-codes)
```

Page 102

Table 29 (Part 3 of 3)

Append to Content Arguments:

Notification-type	C	8.2.1.1.1.38
Service-message	C	8.2.1.1.1.39