



INTERNATIONAL STANDARD ISO/IEC 10021-4:1990  
TECHNICAL CORRIGENDUM 5

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

### Part 4:

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

#### TECHNICAL CORRIGENDUM 5

*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*

RECTIFICATIF TECHNIQUE 5

[ISO/IEC 10021-4:1990/Cor 5:1992](https://standards.iteh.ai/catalog/standards/sist/f9cfa07-5128-4700-a2d0-0549e7a33a48/iso-iec-10021-4-1990-cor-5-1992)

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Technical corrigendum 5 to International Standard ISO/IEC 10021-4:1990 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

Page 3

#### Subclause 5.1

In the last sentence delete "In clause 8 and 12,".

Add before "are printed in bold":

"(including components of O/R address defined in ISO/IEC 10021-2) "

UDC 681.3 : 621.39

Ref. No. ISO/IEC 10021-4:1990/Cor.5:1992 (E)

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Pages 17-18

**Subclause 8.2.1.1.1.14**

In the first sentence replace "requested method" with "preferred method".

In the fifth paragraph replace the last sentence with: "If an **OR-address** cannot be found, either a **recipient-improperly-specified** abstract-error or a non-delivery report shall be returned to the originator of the message."

Delete the sixth paragraph.

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**Subclause 8.2.1.1.1.17**

Add at the end of the second paragraph (which was replaced by Technical Corrigendum 4) "When **bureau-fax-delivery** is requested and the first component is also present, then the first component is activated by the Bureau fax service."

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**Subclause 8.2.1.1.1.21**

In the second sentence of the first paragraph replace "It shall be generated" with "It may be generated".

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**Table 15**

Replace the "C" classification of Presence by "C\*", for the following arguments "Physical-forwarding-prohibited", "Physical-forwarding-address-request", "Physical-delivery-modes", "Registered-mail-type", "Recipient-number-for-advice", "Physical-rendition-attributes", "Originator-return-address", "Physical-delivery-report-request".

Add a note:

"NOTE - C\* indicates that these arguments are normally absent for non-PD-recipients but may appear in special cases (e.g. redirection)."

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**Table 18**

Change the reference for "Content-type" to be "8.3.1.2.1.15".

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#### Subclause 8.3.1.2.1.14

Add a new subclause after subclause 8.3.1.2.1.14 as follows:

#### "8.3.1.2.1.15 Content-type

This argument identifies the type of the **content** of the message (see clause 8.2.1.1.1.34). It shall be generated by the reporting-MTA. This argument may be absent on reception only if the report has been originated from or transferred through a 1984 system."

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#### Subclause 8.4.1.1.1.1

In the first sentence of the third paragraph replace "**OR-names**" with "**own OR-name**".

Add a note to the end of the subclause:

"NOTE - An MD can use other mechanisms than register to assign OR-names to an MTS-user."

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#### Subclause 8.4.1.1.1.3

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In the second paragraph, second sentence replace "**undefined encoded-information-type**" by "**unknown encoded-information-type**".

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#### Subclause 8.4.1.1.1.4

In the second paragraph, second sentence replace "**undefined content-type**" by "**unidentified content-type**".

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#### Subclause 8.5.6

In first sentence of the second paragraph (previously the third paragraph, before modification by Technical Corrigendum 4) replace "specified" with "defined".

Change the second sentence of the second (previously third) paragraph to read "The **unknown** type is used to indicate an **encoded-information-type** which is not in this instance indicated by an externally-defined **encoded-information-type**, and is other than the following types."

After the second (previously third) paragraph insert the following note:

"NOTE - The **unknown** encoded information type is provided to represent externally-defined **encoded-information-types** when downgrading for 1984 systems (and remains present after a subsequent upgrade), and also for use in cases where no externally-defined **encoded-information-type** has been defined for a particular type of information."

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**Subclause 8.5.10**

Add to the end of the first paragraph "It shall also define the ASN.1 encoding rules used."

Page 66

**Subclause 9.2** (Formerly subclause 9.1; renumbered by Technical Corrigendum 1)

In the first paragraph insert a new second sentence "The values of **criticality** may be set when the **extension-field** is generated." and make the remainder of the paragraph a new paragraph.

In the first sentence of the last paragraph replace "the default setting of the **criticality** indication" with "the recommended setting of the **criticality** indication".

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**Figure 2 (Part 1 of 26)**

Under "-- Upper Bounds" add "ub-orig+dl-expansions," in the correct alphabetic sequence.

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**Figure 2 (Part 17 of 26)**

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In the ASN.1 production for **OriginatorAndDLExpansionHistory** replace "(0..ub-dl-expansions)" with "(2..ub-orig+dl-expansions)".

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**Figure 2 (Part 24 of 26)**

In the ASN.1 production for **BuiltInEncodedInformationTypes** replace the line "undefined (0)," by "unknown (0),".

Page 103

**Subclause 12.2.1.1.1.7**

In bullet c), (introduced by Technical Corrigendum 3) replace "non-deliver the message" by "cause the message to be non-delivered".

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**Table 31**

Change the reference for "Content-type" to be "8.3.1.2.1.15".

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#### Subclause 14.3.6.4

In the bullet 1) replace the third and fourth sentences with : "The **requested-delivery-method** argument is used to select appropriate information from that provided by the Directory to construct an **OR-address**. If this is different from the original **OR-address**, it is combined with the **directory-name** to form the **OR-name** of an alternate recipient."

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#### Subclause 14.6.1.4

In step 2) bullet a) replace the second paragraph with:

"In the case of **recipient-name**: the **requested-delivery-method** argument is used to select appropriate information from that provided by the Directory to construct an **OR-address**; if the **requested-delivery-method** argument is **any-delivery-method**, or if no **OR-address** can be found which satisfies a **requested-delivery-method**, then the recipient's preferred delivery method registered in the directory is used.

If an **OR-address** cannot be found, either a **recipient-improperly-specified** abstract-error or a non-delivery report shall be returned to the originator of the message."

In step 2) bullet b) delete the second and third sentences of the first paragraph and delete the second paragraph.

Delete bullet c).

Renumber bullet d) to c).

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#### Subclause 14.6.2.4

In step 2) bullet a) replace the second paragraph with:

"In the case of **recipient-name**: the **requested-delivery-method** argument is used to select appropriate information from that provided by the Directory to construct an **OR-address**; if the **requested-delivery-method** argument is **any-delivery-method**, or if no **OR-address** can be found which satisfies a **requested-delivery-method**, then the recipient's preferred delivery method registered in the directory is used.

If an **OR-address** cannot be found, either a **recipient-improperly-specified** abstract-error or a non-delivery report shall be returned to the originator of the message."

In step 2) bullet b) delete the second and third sentences of the first paragraph and delete the second paragraph.

Delete bullet c).

Renumber bullet d) to c).

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**Subclause 14.8.1.4**

Add a second sentence to bullet 2):

"If the **recipient-assigned-alternate-recipient** argument contains the **OR-name** of the MTS-user, no **recipient-assigned-alternate-recipient** is registered."

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**Figure A.1**

Under "-- *Content Types*" replace "id-cont-undefined" by "id-cont-unidentified".

Under "-- *Encoded Information Types*" replace "id-eit-undefined" by "id-eit-unknown".

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**Figure B.1**

After the line "ub-dl-expansions" insert:

"ub-orig+dl-expansions INTEGER ::= 513 -- *ub-dl-expansions plus one*"

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