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

Part 5:

Message Store: Abstract Service Definition

TECHNICAL CORRIGENDUM 4

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

Partie 5: Dépôt de message: Définition de service abstrait

RECTIFICATIF TECHNIQUE 4

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

Page 6

Subclause 3.2.33

Remove the comma from "3.2.33" and replace the last sentence with: "Each such assertion is either true, false or undefined".

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Clause 4

Insert after "P: present" the following line "ROS: Remote Operations".

UDC 681.3 : 621.39

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

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Subclause 6.3.3.4

In bullet e) iii), replace "less than equal to, or greater than a target value" with "less than or equal to, or greater than or equal to a target value".

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Subclause 6.4

In the first sentence after the Note, change "stored-messages" to "stored-messages information-base".

Add the following paragraph to the end of the subclause:

"The **entry-status** of a child-entry is maintained according to the same rules as apply to a main-entry. A change in the **entry-status** of an entry may result from operations performed on the entry's parent or child-entry. If a child-entry is logically present in an attribute of its parent-entry, the retrieval of the attribute is regarded as equivalent to retrieval of all attributes of the child-entry. If an attribute of an entry is logically present in one or more child-entries, then retrieval of all those child-entries is equivalent to retrieval of the attribute."

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Subclause 6.5.1

In the first paragraph, extend the end of the sentence as follows:

" or controlled by subscription."

In the second paragraph replace the first sentence with:

"An **auto-action** is an action that will occur automatically whenever the associated criteria have been satisfied. The criteria may be conveyed to the MS by means of registration or subscription."

Insert new paragraph at end of subclause:

"Even if an auto-action has a defined **auto-action-registration-parameter**, any criteria and other parameters needed for its performance may be conveyed to the MS by means of subscription. However, some **auto-actions** may require that the MS supports registration of its **registration-parameter** by means of the Register-MS abstract-operation (see 8.6)."

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Subclause 7.1

Add the following after the second sentence of the first paragraph:

"Information exchanged in the argument and result of MS-Bind shall apply for the duration of the abstract-association."

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Subclause 7.1.1

At the end of the second sentence replace "supported by the MS" with "to which the MS-user has subscribed".

Replace the first paragraph of bullet (5) with the following:

- "5) **MS-configuration-request** (C): This parameter specifies whether the MS is requested to return information which identifies the auto-action-types, attribute-types, and content-types to which the MS-user has subscribed, and which consequently are available in the course of the abstract-association."

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Subclause 7.1.2

Replace bullets 2, 3 and 5 with the following:

- "2) **Available-auto-actions** (C): This identifies the set of auto-action-types to which the MS-user has subscribed. It is present if requested in the abstract-bind-argument and at least one auto-action-type is available; it is absent otherwise."
- "3) **Available-attribute-types** (C): This identifies the set of attribute-types to which the MS-user has subscribed. It is present if requested in the abstract-bind-argument and at least one attribute-type is available; it is absent otherwise."
- "5) **Content-types-supported** (C): This identifies the set of content-types to which the MS-user has subscribed and for which the MS offers specific support, as defined in the relevant content-specific International Standard. A message whose content-type is absent from this set may still be submitted, or may be delivered and subsequently retrieved. In the latter case, none of the content-specific attribute-types or auto-action-types defined for that content-type will be available to the MS-user.

This parameter is present if requested in the abstract-bind-argument and at least one content-type is supported; it is absent otherwise."

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Subclause 7.1.3

Replace the first sentence with "An **MS-Bind-error** reports a problem in attempting to establish an abstract-association."

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Subclause 8.1.3

In bullet 5) a), replace both occurrences of "**content-types-restriction**" with "**fetch-restrictions** on content-types".

In bullet 5) b), replace both occurrences of "**EITs-restriction**" with "**fetch-restrictions** on encoded-information-types".

In bullet 5) c), replace both occurrences of "**content-length-restriction**" with "**fetch-restrictions** on content-length".