

Title: Ballot Resolution Report, for
 Technical Report 10000-3: Information Technology - Framework and Taxonomy of
 International Standardized Profiles - Part 3: Principles and Taxonomy for Open System
 Environment Profiles

Source: Fritz Schulz
 Editor, TR 10000-3

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This document records the disposition of comments on the fifth draft of Technical Report 10000 Part 3 recorded during the SGFS meeting of June 1995 and authorized by resolution 1 of that meeting (SGFS Nxxxx). This disposition of comments will be applied to N1249 to produce the final Technical Report TR10000-3 for transmission to ITTF central secretariat. Comments from JTC1 N3557 are included if they were available electronically, and therefore may not be reproduced in their entirety in all cases.

The National Body ballot positions on the progression of the document to DTR status (18-4-1) were as follows:

APPROVE WITHOUT COMMENT:

Australia, Austria, Brazil, Belgium, Czech Republic, Denmark, Finland, Hungary, Ireland, Italy, Japan, Mongolia, New Zealand, Norway, Romania, Slovenia, Sweden, and Switzerland.

BALLOTS WITH COMMENTS:

<u>SGFS Document</u>	<u>National Body</u>	<u>Ballot</u>	<u>Number and Type of Comments</u>
SGFS N1277	Canada	Approve with comment	1 procedural
“	France	Disapprove with comment	2 technical
“	Netherlands	Approve with comment	5 editorial
“	UK	Approve with comment	15 editorial
“	US	Approve with comment	17 editorial

The French delegation indicated that the changes approved during the meeting satisfied all French concerns with the document and changed the French ballot to “Approve with comment”.

Additional comments were received from the ITU-T delegate to the ballot resolution meeting.

Detailed Disposition of Comments

AFNOR Comments on pDTR 10K-3 (revisit N1199)

FR-3.1

Rationale: Does OSE include protocols? If this is the case it could be made clear in the definition (interfaces, services, protocols and ..). If not it should be explained why. It cannot be assumed on the first page of TR10000 that protocols are a kind of interface and therefore do not need to be spelled out, since Part 1 and 2 of TR10000 extensively refer to protocols. If only for consistency reasons with Part 1 and Part 2 the term should be included.

Disposition: accept with modification

Change to N1249: pg. 1 line 38: Append the following text to the paragraph: "Communication protocols are part of the specification of behavior at certain types of interfaces.

FR-3.2 In SGFS N1199, AFNOR has sent comments on PDTR 10000-3 which AFNOR would like to re-submit since they do not seem to have been either taken into account or rejected with documentation of the reasons for rejection. AFNOR has three major comments on this section, namely:

FR-3.2.1 The type of interface should be a suffix, not a prefix, of taxonomy identifiers

Disposition: accept

Change to N1249: pg. 19, line 45-46: move ahead in the document to lines 20-21 and append the following text: "There are no general rules for the significance to be attached to the values of the numeric suffix. Such rules may be defined within specific areas of concern." Further minor modifications changed references to "prefix" to "suffix" and caused other changes local to clause 7.1 to accommodate this change.

FR-3.2.1 The body of the taxonomy identifiers (AFT, WIM, MED) should relate to the three types of profiles: Base functions such as AFT, global systems such as WS for workstations and specific industries such as MED for Medical.

Disposition: resolved

Change to N1249: none. This comment had been answered during the previous DTR ballot resolution meeting. The answer was accepted and the comment withdrawn.

FR-3.2.1 Before finalizing an OSE taxonomy framework, the requirements for defining the taxonomy should be identified."

Disposition: resolved.

Change to N1249: none. The various requirements which led to the definition of the taxonomy structure have been revisited in the course of discussion of AFNOR comment 1. AFNOR considers that the comment has been resolved.

Netherlands Comments on DTR 10000-3

The Netherlands voted APPROVE WITH COMMENTS on DTR 10000-3. Comments are:

NR-3.1 Editorial

Rationale: conform to the General Principles in para 6.1

Recommendation: pg. 5, line 17: replace the term 'defines' by 'specifies'.

Disposition: Accept

Change to N1249: pg. 5, line 17: replace the term 'defines' by 'specifies'.

NR-3.2 Editorial

Rationale: conform to the use of 'boundary' in the definition of CSI, HSI, and ISI.

Recommendation: pg. 5, line 42: replace the term 'interface' by 'boundary'.

Disposition: Decline

Change to N1249: JTC1 ballot of DTR 14252 is not complete, but has merit. Comment should be passed to WG15.

NR-3.3 Editorial

Rationale: The term 'Open System Environment' is already defined in DTR 10000-1.

Recommendation: pg. 6, line 23-28: delete the definition

Disposition: Decline

Change to N1249: Part 3 is to contain text specific to OSE, and the definition of the term is clearly specific to OSE. Duplication of the definition is acceptable in this circumstance. Text also refers to a definition made elsewhere.

NR-3.4 Editorial

Rationale: conform to the definition of the term 'profile' in DTR 10000-1.

Recommendation: pg. 15, line 17 & 19: replace the text 'base standards' by 'base standards and/or ISPs'

Disposition: Accept

Change to N1249: pg. 15, line 17 & 19: replace the text 'base standards' with 'base standards and/or ISPs'

NR-3.5 Editorial

Rationale: document number does not correspond with document title

Recommendation: pg. 22, line 28-29: Either replace number by number which corresponds with the title, or replace title by title which corresponds with the number.

Disposition: Accept

Change to N1249: see UK-3.15.

UK Comments on DTR 10000-3

The United Kingdom voted APPROVE WITH COMMENTS on DTR 10000-3. Comments are:

UK-3.1 Editorial

Rationale: none

Recommendation: Align para 3 (Introduction) in all parts.

Disposition: Accept

Change to N1249: pg.iii, line 18: modify to read: '... which define conforming subsets or combinations of ...'

pg.iii, line 19: delete "where applicable"

26-28: same as part 1

UK-3.2 Editorial

Rationale: none

Recommendation: Use lower case throughout for 'profiles' except in 'International Standardized Profiles'.

Disposition: Accept

Change to N1249: pg iii, line 24, 27, 33 - pg. 1 line 28, 43 - pg. 2 line 7, 8, 10, 13, 14

pg 15 line 17 - pg. 16 line 38, 39, 40, 41

UK-3.3 Editorial

Rationale: The order of the paragraph is confusing, it does not reference Part 1 on the nature and content of ISPs and it is different in style from Part 2.

Recommendation: pg. 1, lines 26-33: replace with:

"The purpose of this part of ISO/IEC TR 10000 is to provide the context for functional standardization in support of Open System Environments (OSE), and principles and a classification scheme for OSE profiles which may be or have been submitted for ratification as International Standardized Profiles.

ISO/IEC TR 10000-1 defines the concept of profiles that are documented in ISPs. This part of ISO/IEC TR 10000 outlines the basic OSE objectives and defines the concept of OSE profiles and, along with ISO/IEC TR 10000-1, gives guidance to organizations making proposals for Draft ISPs on the nature and content of the documents they produce."

Disposition: Accept with modification

Change to N1249: pg. 1 line 26: Insert text to read: "The purpose of this ... is to provide the ..."
Move the last sentence in the paragraph to become the second sentence.

Start a new para with the new sentence: 'ISO/IEC JTC1 TR 10000-1 defines the concept of profiles that are documented in ISPs.'

Follow with existing sentence two, modified to begin 'This part of ISO/IEC JTC1 TR 10000-1 outlines the basic OSE objectives ...'.

Move the third sentence to become the last.

UK-3.4 Editorial

Rationale: none

- Recommendation:
- a) pg. 1, line 35: Delete "," after services.
 - b) pg. 1, line 36: Replace ", plus user aspects," by "(including user aspects)".
Replace "for interoperability and/or" by "enabling interoperability and".
 - c) pg. 1, line 37: Replace ",or" by "and".
 - d) pg. 1, line 39: Merge with next paragraph.
 - e) pg. 2, line 7: Replace "document" by "documenting"
 - f) pg. 2, line 14: Delete "" at the end of the paragraph

Disposition: Accept with modification

- Change to N1249:
- a) pg. 1, line 35: Delete "," after services.
 - b) pg. 1, line 36: Replace ", plus user aspects," by "(including user aspects)".
Replace "for interoperability and/or" by "enabling interoperability and"
take away comma after data
 - c) 'or' retained
 - d) pg. 1, line 39: Merge with next paragraph
 - e) pg. 2, line 7: Replace "document" by "documenting". (ok)
 - f) pg. 2, line 14: Delete "" at the end of the paragraph. (ok)

UK-3.5 Editorial

Rationale: none

- Recommendation:
- a) pg. 5, line 14: Replace "ISO/IEC TR 10000-3" by "this part of TR 10000".
 - b) pg. 5, line 27: Replace "Guide to the POSIX OSE" by "Guide to the POSIX Open System Environment (OSE)".
 - c) pg. 6, line 35-39: Replace "DIS 10746-2" by "ISO/IEC 10746-2" with a footnote "To be published." Replace "Descriptive Model" by "Part 2: Foundations"
 - d) pg. 6, line 41-42: Delete.

Disposition: Accept

- Change to N1249:
- a) pg. 5, line 14: Replace "ISO/IEC TR 10000-3" by "this part of TR 10000".
 - b) pg. 5, line 27: Replace "Guide to the POSIX OSE" by "Guide to the POSIX Open System Environment (OSE)".
 - c) pg. 6, line 35-39: Replace "DIS 10746-2" by "ISO/IEC 10746-2" with a footnote "To be published." Replace "Descriptive Model" by "Part 2: Foundations"
 - d) pg. 6, line 41-42: Delete.

UK-3.6 Editorial

Rationale: Alignment with ISO/IEC 10746-2

Recommendation: a) pg. 7 line 10: Replace "outside world" with "physical world".
b) pg. 7 line 10: Delete second sentence.

Disposition: Accept

Change to N1249: a) pg. 7 line 10: Replace "outside world" with "physical world".
b) pg. 7 line 10: Change second sentence to a note, which begins "This may be ..."

UK-3.7 Editorial

Rationale: none

Recommendation: a) pg. 11 line 12: Replace "the user" by "users". Replace "the users" by "their".
b) pg. 11, line 14: Replace "the producer" by "producers".
Replace "the user" by "users".
c) pg. 11, line 16: Delete extra line space.

Disposition: Accept

Change to N1249: a) pg. 11 line 12: Replace "the user" by "users". Replace "the users" by "their".
b) pg. 11, line 14: Replace "the producer" by "producers".
Replace "the user" by "users".
c) pg. 11, line 16: Delete extra line space.

UK-3.8 Editorial

Rationale: a) The subclause numbering in this clause is out of balance with that in clauses 6 & 7 and obscures the fact that the objectives described in the subclauses are closely related.
b) The text on the objectives has large variations of style and, in some cases, it is difficult to understand the nature of the objective described.

Recommendation: Replace Para 2 of clause 5 and subclauses 5.1 to 5.12 with the following:

"A number of objectives are identified in DTR 14252, Guide to the POSIX OSE, as being key in establishing open systems. The descriptions of these objectives introduce a number of concepts that are required both to clearly state those objectives and to define the standards and profiles required to satisfy them. These objectives, which are not exhaustive, are as follows:

- ***Application Software Portability and Software Reuse***
OSE standards and profiles should support application software portability and software reuse among application platforms at source code level by defining a comprehensive and consistent software environment.
Portability and reuse of other software representations is a secondary objective.
This objective addresses cost avoidance by protecting investment in existing software.
- ***Data Portability***
OSE standards and profiles should support portability of data stored on external media, allowing data exchange between application platforms, movement of data to a new application platform, and use of external media for backup.
- ***Application Software Interoperability***
OSE standards and profiles should define communications services and format specifications that enable software entities to exchange, and make mutual use of, data. These specifications should provide for situations where the communicating entities are running on the same or different application platforms.
- ***Management and Security Interoperability***
OSE standards and profiles should enable interoperation between application platforms for management and security purposes.
- ***User Portability***

OSE standards and profiles should enable people to interact with a wide range of application platforms without retraining. Variations in interaction methods which are not based on functional differences or special requirements are counter-productive and should be avoided by means of common user interface specifications.

- *Application Platform Scalability*

Where possible, the same OSE standards and profiles should be applicable where similar services are required on different types of application platform (for example, workstations and supercomputers).

- *Distributed System Scalability*

OSE standards and profiles should not include characteristics that limit the number and variety of types of application platform that can be included in any large distributed system.

- *Accommodation of Standards*

OSE profiles should promote the use of existing standards and accommodate imminent and new information technology standards as they become available. OSE standards and profile should evolve as standards emerge and as the technology and requirements change.

- *Accommodation of new Information Technology*

OSE standards should be decoupled as much as possible from underlying technology, nevertheless, major changes in technology may require new standards or new versions of existing standards, and this must be recognised in selecting standards and profiles.

- *Implementation Transparency*

OSE standards and profiles should be defined in such a way as to hide the mechanisms used to implement the related services. The complexity of an implementation is hidden from users behind the service interfaces and is therefore "transparent" to the users. From the application software perspective this reduces the size and cost of the application program and is the basis for technology migration.

- *Satisfaction of well defined User Requirements*

OSE standards and profiles should be defined to satisfy specific, well defined user requirements. With limited resources available for development and evolution of standards and profiles, well defined user requirements serve to guide and focus development and allow the standards community to focus on activities that are most useful."

Disposition: accept with modification

Change to N1249: a) present as a bullet list, not as numbered paragraphs

b) pg 11 line 19: delete ", but are not exhaustive."

c) pg 11 line line 19: Modify to read "The descriptions of these objectives introduce a number of concepts that are required both to state clearly the objectives and ..."

c) pg 11 line 21: append "These objectives, which are not exhaustive, are as follows:"

*) pg 11 line 24-33: Merge these two objectives with text to read as follows:

“* Application Portability and Software Reuse at the Source Code Level

A comprehensive and consistent set of OSE specifications at the source code level is necessary to enable porting of software among application platform implementations. This allows an organization to protect it's investment in existing software by avoiding the cost of software reimplementations.

Application Portability is often associated with porting an entire application at one time. **Software reuse** is a term used to describe porting only a subset of a working program into a new application. The new application may or may not be executed on the same application platform. Software reuse is an important element in achieving the benefits of application portability.

Portability and reuse of representations other than source code representation is a secondary objective.”

- *) pg 11 line 36: replace “Data may be stored on external media” with “OSE standards should support portability of data stored on external media.”
- *) pg 11 line 42: insert “OSE standards and profiles should define communications ...”
- *) pg 12 line 5: substitute “standards and profiles” for “specifications”
- *) pg 12 line 9: Modify to read as follows: “OSE standards and profiles should enable people to ...”
- *) pg 12 line 15 and 17: delete “The OSE and” - change “must” to “should”
- *) pg 12 line 21-23: modify to read as follows:
 ‘OSE standards should be decoupled as much as possible from underlying technology, nevertheless, major changes in technology may require new standards or new versions of existing standards, and this must be recognised in selecting standards and profiles. This leads to the understanding that an element of judgement is involved in selecting among base standards, and the timing of switching from an older technology to a newer one.’
- *) pg 12 line 26-28: modify to read “... same OSE standards ...” and “... should be applicable to each...”
- *) pg 12 line 36: substitute “standards” for “interface specifications”
 line 38: modify to read: “Implementation is hidden ... behind the service interface”
- *) pg 12 line 31-33: modify to read: “OSE standards and profiles should avoid specifying characteristics that limit the number and variety of application platform types that can be included in any large distributed system.”
- *) pg 12 line 26-28: substitute “OSE standards and profiles” for “standards”.

UK-3.9 Editorial

Rationale: clarification

Recommendation: pg. 15 line 11-14: Replace by: "OSE profiles are specified in order to fulfil the objectives identified in clause 5. Their general characteristics are in accordance with the purpose and concept of profiles defined in ISO/IEC TR 10000-1."

Disposition: Accept with modification

Change to N1249: pg. 15 line 11: Replace “purposes defined” with “objectives identified”.
 pg. 15 line 13: “... follow the generic descriptions in accordance with the purpose and concept of profiles defined in ISO/IEC TR 10000-1, and are not repeated in this part.”

UK-3.10 Editorial

Rationale: none

- Recommendation:
- a) pg. 15, line 19: Replace "standards that specifies" by "standards. It specifies".
 - b) pg. 15, line 34 Delete "more widely" - it is not clear what "more widely" refers to.
 - c) pg. 16, line 10 Replace "Draft ITU-T Rec X.900 series | ISO/IEC DIS 10746" by "in ITU-T Recommendation X.902 | ISO/IEC 10746-2".
 - d) pg. 16, line 11 Delete "(ODP)". Replace "What is meant by correspondence is" by "Correspondence means".
 - e) pg. 16, line 14/15 Delete line spaces.
 - f) pg. 16, line 17 Replace "The behaviour specified for an IT system at an interface is a function" by "The behaviour specified by an OSE profile at an interface of an IT system is a function or set of functions".
 - g) pg. 16, line 18 Replace "that interface and the function" by "that interface. The behaviour related to the same function".
 - h) pg. 16, line 21 Start a new paragraph at "OSE profile".
 - i) pg. 16, line 27 Align start of line.

- j) pg. 16, line 31-34 Replace "may be referred to from any OSE ISP and are not restricted to CSI specifications, as might be inferred....in TR 10000-2" by "may applied at any OSE interface, although they are documented in TR 10000-2 as OSI profiles."

Disposition: Accept with modification

- Change to N1249: a) pg. 15, line 19: Replace "... standards that specifies ..." with "... standards and/or ISPs. The OSE profile specifies ...". (See also NR-3.4)
 b)pg. 15, line 34: Delete "more widely"
 c)pg. 16, line 10: Replace "Draft ITU-T Rec X.900 series | ISO/IEC DIS 10746" by "in ITU-T Recommendation X.902 | ISO/IEC 10746-2".
 d)pg. 16, line 11: Replace "What is meant by correspondence is ..." by "Correspondence in this case means ...".
 e)pg. 16, line 14/15: Delete line spaces.
 f) pg. 16, line 17: Replace "The behaviour specified ... function as seen at ..." by "The behaviour specified by an OSE profile at an interface of an IT system is a function or set of functions provided by that interface. The behaviour related to the same function as seen at".
 g)pg. 16, line 21: Start a new paragraph at "OSE profile".
 h)pg. 16, line 31-34: Replace "In particular, profiles ... in TR 10000-2" with "In particular, abstract specifications of data formats in profiles for Interchange Format and Presentation (F profiles) may be applied at any OSE interface and are not restricted to CSI interfaces, as might be inferred from the fact that they are currently documented in TR 10000-2. However, a specific data format representation normally relates to a particular type of interface."

UK-3.11 Editorial

Rationale: The text on Interchange Format and Representation profiles does not reflect that encodings may only apply at one interface.

Recommendation: pg. 16, line 34: Add "Note: Abstract specifications of data format and representation in F profiles can be applied at any interface. A specific encoding normally relates to a particular type of interface."

Disposition: Accept with modification

Change to N1249: pg. 16, line 34: see above UK-3.10

UK-3.12 Editorial

Rationale: none

Recommendation: pg. 17, line 2-5: Replace "If relevant, they.....of Graphics Standards)" by "Where relevant, they should also use the concepts and terminology defined for Open Document Architecture (ODA) standards in ISO/IEC TR 10183-1, Technical Report on ISO 8613 Implementation Testing - Part 1: Testing Methodology, and for graphics standards in ISO/IEC 10641, Conformance testing of implementations of graphics standards."

Disposition: Accept

Change to N1249: pg. 17, line 2-5: Replace "If relevant, they.....of Graphics Standards)" by "Where relevant, they should also use the concepts and terminology defined for Open Document Architecture (ODA) standards in ISO/IEC TR 10183-1, Technical Report on ISO 8613 Implementation Testing - Part 1: Testing Methodology, and for graphics standards in ISO/IEC 10641, Conformance testing of implementations of graphics standards."

pg. 16, line 47: modify reference to "ISO/IEC 9646"

UK-3.13 Editorial

Rationale: none

Recommendation: a) pg. 19, line 12-13: Replace "The taxonomy must be capable of providing the means of categorizing all conceivable profiles" by "It is the objective of the OSE taxonomy to provide a classification scheme that can categorize any profile".

- b) pg. 19, line 22-24: Replace first two sentences by "In order to indicate that a profile is concerned with a particular interface or set of interfaces, a one to four character prefix is hyphenated with the root mnemonic".
- c) pg. 19, line L36: Delete "will".
- d) pg. 19, line 37: Replace "will be" by "is".

Disposition: Accept

- Change to N1249:
- a) pg. 19, line 12-13: Replace "The taxonomy must be capable of providing the means of categorizing all conceivable profiles" by "It is the objective of the OSE taxonomy to provide a classification scheme that can categorize any profile".
 - b) pg. 19, line 22-24: Replace first two sentences by "In order to indicate that a profile is concerned with a particular interface or set of interfaces, there is a one to four character prefix separated from the root mnemonic by a hyphen".
 - c) pg. 19, line 25: modify to read: "The prefix is composed from the letters C, H, I and P (in alphabetical order) to identify the ..."
 - d) pg. 19, line L36: Delete "will".
 - e) pg. 19, line 37: Replace "will be" by "is".
 - f) pg. 19 line 39: delete "will"

UK-3.14 Editorial

Rationale: none

Recommendation: pg. 20, line 32: replace 'could' with 'should'.

Disposition: Accept

Change to N1249: pg. 20, line 32: replace 'could' with 'should'

UK-3.15 Editorial

Rationale: Alignment of Parts 2 and 3

Recommendation: Annex A and B

- a) Delete Annex A.
- b) *Annex B, L9-12* Change to:

Annex B
(Informative)

Bibliography of other referenced documents.

- c) Insert as first reference "SGFS Standing Document SD-4. *Directory of ISPs and Profiles contained therein*", with footnote "Updated and published regularly by the SGFS Secretariat as an ISO/IEC SGFS N-numbered document." Renumber other references.
- d) *Annex B, L26* Replace "Descriptive Mode" by "Foundations".

Disposition: Accept with modification

Change to N1249: (See also US-3.17) pg. 22

- a) lines 16-17: Insert the following new reference:

3) ISO/IEC TR 10183-1:1993 *Information Technology - Text and Office Systems - Office Document Architecture (ODA) and Interchange Formats - Technical Report on ISO 8613 Implementation Testing Part 1: Testing Methodology*

- b) line 19-20: Insert text in title: "*Information Technology - Open Systems Interconnection -*"
- c) line 22-23: Insert text in title: "*Information Technology - Computer Graphics and Image Processing -*"
- d) line 25-26: Drop DIS status and substitute text in title: *Part 2 - Foundations*
- e) line 28-29: Insert text in title: "*Information Technology -*"

<See also ITU-T comments below>

SGFS-1 Editorial

Move all references to clause 2 and delete from annex A, with the exception of SD-4.
delete reference p.2 line 27-29.

USA Comments on DTR 10000-3 (JT/95-0048 & SGFS N1249)

The USA voted APPROVE WITH COMMENTS on DTR 10000-3. Comments are:

US-3.1 Editorial

Rationale: General comment: Banner heading that appears at the beginning of each major clause contains incorrect document reference

Recommendation: Change the 'WDTR' reference within the banner to the appropriate reference

Disposition: Accept

Change to N1249: Will be changed to 'TR' when approved.

US-3.2 Editorial

Rationale: General comment: The document is not in two-column format .

Recommendation: Change to two-column format

Disposition: Accept

Change to N1249: Changed to two-column format

US-3.3 Editorial

Rationale: Page 1, line 33: incorrect punctuation

Recommendation: Delete quote at end of line

Disposition: Accept

Change to N1249: Deleted quote

US-3.4 Editorial

Rationale: Page 1, lines 41 & 42: unneeded lines

Recommendation: Delete lines

Disposition: Accept

Change to N1249: Page 1, lines 41 & 42: Deleted lines

US-3.5 Editorial

Rationale: Page 2, line 7: text unclear

Recommendation: Change 'document' to 'which documents'

Disposition: Accept

Change to N1249: Page 2, line 7: Change 'document' to 'which documents'

US-3.6 Editorial

Rationale: Page 2, line 9: incorrect punctuation

Recommendation: Make the single quote before the word 'Directory' a double quote

Disposition: Accept

Change to N1249: Page 2, line 9: Make the single quote before the word 'Directory' a double quote

US-3.7 Editorial

Rationale: Page 2, line 14: incorrect punctuation

Recommendation: Delete quote at end of line

Disposition: Accept

Change to N1249: Page 2, line 14: Delete quote at end of line

US-3.8 Editorial

Rationale: Page 3, line 29: text unclear

Recommendation: Delete the word 'a'

Disposition: Accept

Change to N1249: Page 3, line 29: Modify the words “a annex B” to “in annex A”. (see US17)

US-3.9 Editorial

Rationale: Page 6, line 33 and page 7, line 16: text justification

Recommendation: Move the note to the left to line up with the beginning of line 29

Disposition: Accept

Change to N1249: Page 6, line 33 and page 7, line 16: align text

US-3.10 Editorial

Rationale: Page 9: random listing of abbreviations

Recommendation: Alphabetize the abbreviations

Disposition: Accept

Change to N1249: Page 6, line 33 and page 7, line 16: Alphabetize the abbreviations

US-3.11 Editorial

Rationale: Page 11, line 18: incorrect punctuation

Recommendation: Add a comma after '14252'

Disposition: Accept

Change to N1249: Page 11, line 18: Add a comma after '14252'

US-3.12 Editorial

Rationale: Page 15, line 29 & 40: incorrect text

Recommendation: Change 'Communications' to 'Communication'

Disposition: Accept

Change to N1249: Page 15, line 29 & 40: Change 'Communications' to 'Communication'

US-3.13 Editorial

Rationale: Page 15, line 32: incorrect text

Recommendation: Change 'Systems' to 'System'

Disposition: Accept

Change to N1249: Page 15, line 32: Change 'Systems' to 'System'

US-3.14 Editorial

Rationale: Page 19, line 43: incorrect punctuation

Recommendation: Delete quote at end of line

Disposition: Accept

Change to N1249: Page 19, line 43: Delete quote at end of line

US-3.15 Editorial

Rationale: Page 20, line 9: incorrect spacing of text

Recommendation: Insert tab before 'CSI/HCI/API'

Disposition: Accept

Change to N1249: Page 20, line 9: align columns

US-3.16 Editorial

Rationale: Page 20, line 41: incorrect punctuation

Recommendation: Delete quote at end of line

Disposition: Accept

Change to N1249: Page 20, line 41: Delete quote at end of line

US-3.17 Minor

Rationale: Page 21: It is more appropriate to list SD-4 as one of several references instead of it appearing as a stand-alone annex.

Recommendation: Delete Annex A; Place SD-4 as a reference in Annex B on page 22; change Annex B to Annex A; make appropriate changes to all such annex references throughout the document

Disposition: Accept

Change to N1249: Delete Annex A; Place SD-4 as a reference in Annex B on page 22; change Annex B to Annex A; make appropriate changes to all such annex references throughout the document

ITU-T Comments on DTR 10000-3

The ITU-T provided updates and guidance on all references in clauses 2, 3, 5, and 6. These are not reproduced in detail.