ISO/IEC JTC 1/SC 32 N **1429**

ISO/IEC JTC 1/SC 32

Data Management and Interchange

Secretariat: United States of America (ANSI)
Administered by Farance Inc. on behalf of ANSI

DOCUMENT TYPE	Summary of voting/Table of Replies
TITLE	Summary of Voting/Table of Replies 32N1364 ISO/IEC FCD 19763-1 Information technology - Famework for Metamodel interoperability Part 1: Reference model
SOURCE	SC 32 Secretary
PROJECT NUMBER	1.32.22.01.01.00
STATUS	WG 2 is requested to resolve the comments
REFERENCES	
ACTION ID.	ACT
REQUESTED ACTION	
DUE DATE	
Number of Pages	10
LANGUAGE USED	English
DISTRIBUTION	P & L Members SC Chair WG Conveners and Secretaries

ISO/IEC JTC 1/SC 32 N1429

Summary of Voting on Document SC 32 N 1364,

Title: ISO/IEC FCD 19763-1 Information technology – Framework for Metamodel interoperability Part 1: Reference model

Project: 1.32.22.01.01.00

"P" Member	Approval	Approval with Comments	Disapproval with Comments	Abstention with Comments
Australia			X	
Belgium				
Brazil				
Canada				
China	X			
Czech Republic	X			
Egypt				
Finland				
Germany				X
Italy				
Japan		X		
Korea, Republic of	X			
Portugal				
Sweden				X
United Kingdom				
United States		X		
Total "P"	**3**	**2**	**1**	**2**
"O" Member				
Austria				
Denmark				
France				
Netherlands, The				
Norway				
Russian Federation				
Switzerland				
Total "O"				

Comments:

Australia

Major

General– The document pays too little attention to metamodel interoperability and how it would be achieved and how it would be used following this framework and comparatively too much on metamodel registration. It should give similar attention and similar examples to the major theme which is "Framework for Metamodel Interoperability" or perhaps rename it to … Metamodel (Interoperability) Registration

Editorial

section 1.1.2 – Improve the emphasis on the problems to be addressed and remove the time specific nature of the text

Section 1.2 State the scope – the Scope is …

Section 1.4.3 – Improve the text by removing the and remove the time specific nature of it and being more direct on the support for collaboration – eg remove "Also" in last sentence

Section 4.1 3 para typo dose should be does

Germany

lack of experitse and interest

Japan

attached

Sweden

Lack of experts

United States

attached

ISO

attached

ISO

International Organization for Standardization

ISO/IEC JTC 1/SC 32
Data Management and Interchange
WG 2
Metadata

Title: Japan Ballot Comments on ISO/IEC FCD 19763-1

Status: Document to accompany ballot response

Author: Hajime Horiuchi

References:
[1] 32N1364 , ISO/IEC FCD 19763-1, Information technology — Framework for matamodel interoperability- Part1: Reference model

SEQ #	Cmnt ID	See Also	Severity	Reference	Description	Addressed By
center: **ISO/IEC 2nd CD 19763-1**						
001	JPN-P01-001		Miner Editorial	*Introduction h)*	"focused" should be "focus", "The healthcare " should be "Healthcare"" and	
002	JPN-P01-002		1 Miner Editorial	*1.2 figure 3*	"Core model for MFI" should be "Core model for MMF"	
003	JPN-P01–003		2- Miner Editorial	*2 Normative reference*	"-" between MDR and Part n should replaced ":"	
004	JPN-P01-004		3-Minor Editorial	*3.1 3.1.5*	"See Modeling constructs" should be "See model construct"	
005	JPN-P01-005		4-Minor Editorial	4.1 Overall structure	"Metamodel frameworks" should be "metamodel framework"	
006	JPN-P01-006		4-Minor Technical	*4.2 Second Paragraph*	Should be changed as follows; "MDR provides a generic object defining scheme such as for "concept", "conceptual domain", "data element" and "permissible values". A benefit of using the MDR metamodel in this standard comes from these expansions of the representation of objects."	
007	JPN-P01-007		4-Minor Technical	*4.3 3rd paragraph*	Should be changed as follows: This standard represents a normative metamodel that enables the registration of administrative information for ontologies that are described by a normative ontology descriptive metamodel, such as ODM (Ontology Definition Metamodel) or future extension of MDR standard.	
008	JPN-P01-008		4-Minor Technical	4/3 Figure 17	"Administrative information" should be added clearly in the figure	
009	JPN-P01-009		4-Minor Editorial	4.3 (3)	Should be changed as follows. This part provides a convenience to refer existing ontologies as references in the development of an ontology with the conjunction of particular development tools.	

End of Paper

	(3)	4	5	(6)	(7)
No./ e No./ x	**Paragraph/ Figure/Table/ Note #**	**Com- ment type²**	**Comment (justification for change) by the NB**	**Proposed change by the NB**	**Secretariat observations** on each comment submitted
1		Title page		ed	An acronym could be included for this family of Standards, just as "MDR" is an acronym for ISO/IEC 11179.	Add "FMI" to title name as an acronym for this family of standards. See comment 2. Change title to: Information Technology--Framework for Metamodel Interoperability (FMI)--Part 1: Reference Model	
2		Throughout document. E.g., Introduction paragraphs 5 and 8, and Scope Paragraph 1.		ed	Reference to the name of the standard and family of standards is inconsistent. The title page calls it "Framework for Metamodel Interoperability". In several places it is called similar, but different names such as "metamodel framework for interoperability" or "metamodel framework". The term metamodel framework is also used where it does not refer to the family of standards.	For clarity use the same name consistently, throughout document. All references to the name of the family of standards should be changed to "Framework for Metamodel Interoperability" or to "FMI". A statement needs to be included to show that the term "metamodel framework" is sometimes used synonymously for FMI. There are many instances of the acronym "MMF" in the text and graphics that should be changed to "FMI" or to "metamodel framework".	
3		Introduction Paragraph 2 item h)		ed	The acronym SCL (for simplified Common Logic) is no longer used for the CL standard and so it means nothing. It is now called CL. SCL is not in the list of acronyms, so it does not need to be dropped from there. Common Logic is not a Description Logic.	Remove SCL from item h). Remove the word" Descriptive" in "Descriptive facilities". Change the word "Logics" to "Logic". Thus, "Facilities for logic such as …"	
4		Clause 3.1.1		ed	There is no entry in the bibliography for the reference [OMG, 1995]	Add entry to the bibliography.	
5		Clause 3.1.4		ed	The definition for "metamodel" is not parallel to the definition for "metadata". I.e., metadata is "Data which describes other data", while metamodel is "a model which governs other models". In Clause 4.1.1, metamodel is defined as "a model which describes other models". The clause then goes on	Change definition in Clause 3.1.4 to: "a model which describes other models". Provide a definition for ontology. See comments on ISO/IEC 19763 ballot for further discussion of this definition.	

1 NB = National body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the Secretariat editing unit are identified by **)   **page 1 of 5**

2 Type of comment: ge **= general** te **= technical** ed **= editorial**   NOTE **Columns 1, 2, 4, 5 are compulsory.**   *ISO electronic balloting commenting template (enhanced 2002-08)*

	(3)	4	5	(6)	(7)
No./ e No./ x	Paragraph/ Figure/Table/ Note #	Com- ment type[2]	Comment (justification for change) by the NB	Proposed change by the NB	Secretariat observations on each comment submitted
				to note that a metamodel also "governs" other models. There is no definition for "ontology".		
6	3.2 Abbreviations		ed	Clause 3.2. Contains the acronym "MMF" and NOT "FMI". Two acronyms for the same standard is confusing.	Make consistent with resolution of comment #2. Delete the acronym "MMF" and include the acronym "FMI". Use the term "metamodel framework" where appropriate (rather than the acronym "MMF').	
7	3.2.8 Abbreviations		ed	HL 7 is misidentified.	Change to "Health Level 7".	
8	3.2.x		ed	Several abbreviations that are used in the document are not listed here.	Add: XMI, SOAP, WSDL, ebXML R&R, MDR, DAML+OIL, CG, DL, EDOC, EAI, SUO, ebXML RIM, HL 7 RIM, IDEF 1x.	
9	Figure 12		ed	The figure is barely legible. One label is inconsistent with the others.	Replace with legible figure. Make the labels consistent in capitalization convention, e.g., the label "refersTo" should probably be replaced with "refers to", in order to be consistent with other labels in the figure.	
10	Figure 15 and 16		ed	The figures are barely legible.	Replace with legible (larger) figure.	
11	Figure 17		ed	The labels of two of the boxes and two ovals under ODM are partially hidden. The relation between the boxes under ODM and the ovals is not clear.	Make the labels visible. Make the connection between each box and each oval clear.	
12	Figure 18		ed	Some of the labels are obscured.	Make the labels visible.	
13	Bibliography item [3]		ed	Comment about ISO/IEC 15452 is obsolete. TR 20943-3 is published.	Eliminate this bibliography item and replace with reference to ISO/IEC TR 20943-3	
14	Bibliography items [4] and [5]		ed	The comments on these bibliography items are obsolete. The TRs are published.	Update the bibliographic references. 20943-1 was published in 2003 and Part 3 was published in 2004.	
15	Bibliography items [10] and [11]		ed	The bibliographic references are obsolete. These are now ISO standards in TC 154.	Update the bibliographic references.	

1 NB = **National body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the Secretariat editing unit are identified by **)**   **page 2 of 5**

2 Type of comment: ge **= general** te **= technical** ed **= editorial**   NOTE **Columns 1, 2, 4, 5 are compulsory.**   *ISO electronic balloting commenting template (enhanced 2002-08)*

(1) No./ e No./ x	(3) Paragraph/ Figure/Table/ Note #	4 Com- ment type[2]	5 Comment (justification for change) by the NB		(6) Proposed change by the NB	(7) Secretariat observations on each comment submitted
16	Throughout		ed	There are several proof reading errors that need to be fixed.	Suggested fixes for proof reading errors have been made in the document with "tracking changes" turned on. See the attached document. Note that none of the changes that would arise from the above comments are made in the edited document. Edited document file name is: 32N1364T-FCD19763-1-with edits-v1.doc	
17	Several places		ed	Some sentences are hard to understand, due to wording.	Suggested edits have been made in an edited document. Where relevant, a comment has been inserted asking if the rewording preserved the original meaning. The edited document file name is: 32N1364T-FCD19763-1-with edits-v2.doc	
18	Clause 3		ed	The terms appear in the table of contents. This is from misuse of the template. Editor used the wrong styles for headings, terms and text.	Change to termnum, term, and termdef styles.	
19	Throughout		ed	This document does not appear to use the ISO template.	Put into ISO template.	
20	Throughout		ed	The format is not consistent with ISO directives Part 2.	Edit to make document consistent with the ISO directives. E.g., Section 4.2 has text between the beginning of the clause and sub-clause 4.2.1. That text needs to be included in a sub-clause.	
21	3.2 Abbreviations		ed	There are no abbreviations in this list. It only has acronyms.	Change title of section to: "3.2 Acronyms".	

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2 Type of comment: ge **= general** te **= technical** ed **= editorial**   NOTE **Columns 1, 2, 4, 5 are compulsory.** *ISO electronic balloting commenting template (enhanced 2002-08)*

Template for comments and secretariat observations

Date: 2006-03-01	Document: **ISO/IEC FCD 19763-1**

1	2	(3)	4	5	(6)	(7)
MB[1]	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com-ment[2]	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
**	General		ed	Document does not follow basic ISO presentation.	The document should be prepared using the ISO template, available from the ITTF website. As a minimum, change margins, headers, footers and font size to align with the ISO template.	
**	scope		ed	The scope should describe the content of only Part 1, with only brief mention of other parts. General information about the series of standards should be given in the Introduction	Redraft as appropriate. The scope should be usable as an abstract for bibliographic purposes and should not exceed 300 words for a document of this length.	
**	General		ed	This part and other parts of ISO/IEC 19763 are incorrectly referenced throughout the document.	Reference this part throughout as "this part of ISO/IEC 19763". Reference other individual parts as "ISO/IEC 19763-n". Reference the series as a whole as "ISO/IEC 19763".	
**	2		ed	Only documents cited elsewhere in the document in a way which indicates that they are indispensable for the application of ISO/IEC 19763-1 may be listed in Clause 2. Incorrect title given for ISO/IEC 11179-3.	Remove ISO/IEC 19501-1, which is not cited elsewhere in the document. Change last element of Part 3 title to "Registry metamodel and basic attributes"	
**	3		ed	Incorrect clause title.	Replace "Definitions" with "Terms, definitions and abbreviated terms"	
**	3.1		ed	Terms and definitions are incorrectly presented.	Draft subclause 3.1 as follows: **3.1.1** [*TermNum* style] **business object** [*Term* style] objects which represent ... Use of these styles in the ISO template will ensure correct presentation in Clause 3 and non-appearance of terms in table of contents.	
**	3.2		ed	Abbreviations are not numbered in International	Remove 3.2.1, 3.2.2, etc.	

1   **MB** = Member body (enter the ISO 3166 two-letter country code, e.g. CN for China; comments from the ISO/CS editing unit are identified by ******)

2   **Type of comment:**   **ge** = general   **te** = technical   **ed** = editorial

NOTE   Columns 1, 2, 4, 5 are compulsory.

ISO electronic balloting commenting template/version 2001-10

1	2	(3)	4	5	(6)	(7)
MB[1]	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com-ment[2]	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
				Standards.		
**	5		ed	Clause 2 is the conformance clause in International Standards.	Insert this clause after the Scope and renumber subsequent clauses.	
**	figures		ed	Figures 10, 17 and 18 contain text that is partially hidden; Figures 15 and 16 contain text that is too small to be legible.	Improve as necessary.	
**	bibliography		ed	References need to be updated.	Update titles and publication dates as necessary. Remove unnecessary text after refs. [1] to [5].	

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2 **Type of comment:** **ge** = general   **te** = technical   **ed** = editorial

NOTE   Columns 1, 2, 4, 5 are compulsory.

ISO electronic balloting commenting template/version 2001-10