

ISO/IEC JTC 1/SC 32 N 1668

Date: 2007-10-10

REPLACES: —

<p>ISO/IEC JTC 1/SC 32</p> <p>Data Management and Interchange</p> <p>Secretariat: United States of America (ANSI) Administered by Farance Inc. on behalf of ANSI</p>
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DOCUMENT TYPE	Summary of Voting/Table of Replies
TITLE	Summary of Voting on 32N1591 ISO/IEC FCD2 19763-2 Information technology - Metamodel framework for interoperability (MFI) - Part-2: Core model
SOURCE	SC32 Secretariat
PROJECT NUMBER	1.32.22.01.02.00
STATUS	WG2 is requested to resolve the comments
REFERENCES	
ACTION ID.	ACT
REQUESTED ACTION	
DUE DATE	
Number of Pages	8
LANGUAGE USED	English
DISTRIBUTION	P & L Members SC Chair WG Conveners and Secretaries

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*Farance Inc. administers the ISO/IEC JTC 1/SC 32 Secretariat on behalf of ANSI

ISO/IEC JTC 1/SC 32 N1668

Summary of Voting on Document SC 32 N 1591

Title: ISO/IEC FCD2 19763-2 Information technology - Metamodel framework for interoperability (MFI) - Part-2: Core model

Project: 1.32.22.01.02.00

“P” Member	Approval	Approval with Comments	Disapproval with Comments	Abstention with Comments
Australia	1			
Belgium				
Brazil				
Canada		1		
China	1			
Czech Republic	1			
Egypt				
Finland				
Germany				1
Japan		1		
Kazakhstan				
Korea, Republic of	1			
Portugal				
Sweden				1
United Kingdom	1			
United States		1		
Total “P”	5	3	0	2
“O” Member				
Austria				
Denmark				
France				
Italy				
Netherlands, The				
Norway				
Russian Federation				
Switzerland				
Total “O”				

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COMMENTS:

Canada

Yes. See attached comments

Germany

Abstain. Lack of expertise and lack of interest in the particular project.

Japan

Yes. See attached comments

Sweden

Abstain. Lack of expertise.

United States

Yes. See attached comments

Canadian Comments on SC32 N1591 FCD2 19763-2

Template for comments and secretariat observations

Date: 2007-09-07

Document: ISO/IEC FCD 19763-2

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
CA 01	2	11179-3	ed	FCD2 19763-2 is dependent on features specified in Edition 2 of 11179-3, which may change in Edition 3. Therefore, the specific edition should be cited. Also, the cited name is incomplete.	Specify ISO/IEC 11179-3:2003. Add 'and basic attributes' after 'Registry metamodel'	
CA 02	2	11179-6	ed	FCD2 19763-2 is dependent on features specified in Edition 2 of 11179-6, which may change in a future Edition.	Specify ISO/IEC 11179-6:2005	
CA 03	2	new	ed	The document uses terms from ISO/IEC 19501:2005 UML in a normative way, but does not list it in the Normative references	Add a reference to: ISO/IEC 19501:2005 Information technology -- Open Distributed Processing -- Unified Modeling Language (UML) Version 1.4.2	
CA 04	2	new	ed	The document uses terms from ISO/IEC 19502:2005 MOF in a normative way, but does not list it in the Normative references	Add a reference to: ISO/IEC 19502:2005 Information technology -- Meta Object Facility (MOF)	
CA 05	3.2.18	definition	ed	'specifining' should be 'specifying'	Change 'specifining' to 'specifying'	
CA 06	3.2.20	definition	ed	'contex' should be 'context'	Change 'contex' to 'context'	
CA 07	4	data model	ge/te	We are still validating the data model, but wish to reserve the right to submit detailed comments later.	We will submit detailed comments to the ballot resolution meeting in Korea, or sooner if possible.	

Japan Comments on SC32 N1591 FCD 19763-2

Date: 2007-09-24	Document: SC32 N1591 FCD 19763-2
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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
JP 01	3 Terms and definitions		ed	5.2.4 Paragraph, ISO/IEC Directives, Part 2, 2004 says ""Hanging paragraphs" such as those shown in the following example shall be avoided since reference to them is ambiguous."		
JP 02	3.1.37 3.1.38		te	Two different definitions of "metamodel" are given. Both are different from the description of "metamodel" at 4.1.1.1 . Only one definition which can be applied for this standard shall be given.		
JP 03	3.1.55 3.1.56		te	Two different definitions of "reference pointer" are given. Only one definition which can be applied for this standard shall be given.		
JP 04	4.1.1		te	The sentence "In this document, the term "metamodel" is used broadly to include both models and metamodels." contradicts both definitions 3.1.37 and 3.1.38.		
JP 05	4.1.2		te	Cardinality should be multiplicity according to the definition 3.1.9 cardinality and 3.1.44 multiplicity		
JP 06	4.1.1.2.2		te	To describe the relationship between MFI part3 and ODM is out of the scope of MFI part2.		
JP 07	Figure2		te	"M2 or M1 Layer" does not make sense. According to this figure, Target Models lie on M2 Layer, which seems strange because usually Target Models lie on M1 Layer.		
JP 08	4.2.3 ModelComponet Set		te	The name 'ModelInstances' should not be changed since it is cited in ISO/IEC19763-1 and ISO/IEC 19763-3. Moreover, The name "ModelComponentSet" is inappropriate since ModelDomainProfile also consists of ModelComponents and the name "ModelComponentSet" does not reflect its characteristics. Its name should reflect its characteristic that it is covered by ModelConcept.		
JP 09	4.3.1 ModelDomainPr		te	The attribute "name" should be removed since ModelDomainProfile is a subclass of Administered Item and Designation (of Administered		

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.

Japan Comments on SC32 N1591 FCD 19763-2

Date: 2007-09-24

Document: **SC32 N1591 FCD 19763-2**

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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
	<i>ofile</i>			Item) already has an attribute "name". The meaning of the sentence "The attribute 'name' is not necessary to be a globally unique identifier." at (4) Constraints is unclear.		
JP 10	4.2.xx 4.3.XX	(4) Constraints	te	There are a lot of descriptions that does not seem constraints. For example, 4.2.3 ModelComponentSet (4) Constraints says "selected by : ModelSelection [0..*], Optional", which is a description of a reference.		
JP 11	3Annex A (normative) MDR-ByMOF		ed	The title'MDR-ByMOF' is inappropriate since A.2 has no relation to MDR-ByMOF.		
JP 12	Annex A	Table A.1,	te	The meanings of DI-1, DI-2, (sign) (concept) (componentset) etc. need to be specified.		
JP 13	Annex A	Table A.1,	te	This naming convention for IRDI does not conform to ISO/IEC 11179-6.		
JP 14	General		te	There seem to be several redundant references. It is better to eliminate redundancy. At least, constraints among redundant references need to be specified so that semantic contradictions may not occur. Example: Country/Country and Regison/Global Boundary : ModelSign Country and Regison/Global Boundary : ModelConcept Bicycle/Vehicle:ModelConcept InvalidSelection/Country/Bicycle : ModelSelection "InvalidSelection/Country/Bicycle : ModelSelection" is allowed, although it does not make sense because it selects a bicycle that has no relation to a country.		

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

Comments on Text For: ISO/IEC FCD2 19763-2 Information technology — Metamodel framework for interoperability (MFI) - Part-2: Core mode				Date: 2007-10-10	Document: SC32/N1591
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0	1	2	(3)	4	5	(6)	(7)
#	NB ¹	Clause No./ Subclause No./ Annex	Paragraph/ Figure/Table/ Note #	Comment type ²	Comment (justification for change) by the NB	Proposed change by the NB	Secretariat observations on each comment submitted

1	US	Clause 2		Ed	This standard relates to Edition 2 of ISO/IEC 11179. It should reference the year. A future Edition of 19763 should reference Edition 3 of 11179.	Make the change to include the year as follows: ISO/IEC 11179-3:2003, Information technology – Metadata registries (MDR) - Part 3: Registry metamodel ISO/IEC 11179-6:2005, Information technology – Metadata registries (MDR) - Part 6: Registration	
2	US	Clause 2		Ed	The standard references ISO/IEC 19502. These should be shown as a normative references. The reference should show the year of publication, since this Edition of 19763-2 is based on that specific version of the MOF and ISO/IEC 11179-6.	Add a normative reference to ISO/IEC 19502 – MOF with the year of publication for each.	
3	US	General		Ed	There are several places where apparently revised text is in the color blue or purple, e.g., see Clause 4.1.2 on page 22. These seem to be from prior editing sessions, although they are not marked as such. Since all of these revisions are accepted, the blue color no longer has relevance.	Change to black all text revisions that were marked by using the text color blue. This does not apply to text from the ISO template that is in blue, e.g., see page IX.	
4	US	General		Ed	There are several places where the English needs proofreading. Changes in grammar, wording, and punctuation are	A marked up version with tracking changes turned on, will be provided directly to the project editor. The marked up version is	

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					needed.	not intended to make any technical changes.	
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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)