

ISO/IEC JTC 1/SC 32 N 2487

Date: 2014-06-04

REPLACES: —

ISO/IEC JTC 1/SC 32

Data Management and Interchange

Secretariat: United States of America (ANSI)
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DOCUMENT TYPE	Summary of Voting/Table of Replies
TITLE	Summary of Voting on 32N2475 CD2 19763-13 Information technology - Metamodel framework for interoperability (MFI) Part 13: Metamodel for forms registration
SOURCE	SC32 Secretariat
PROJECT NUMBER	1.32.22.01.13.00
STATUS	The document obtained substantial support. WG2 is requested to address the comments and revise the draft text accordingly.
REFERENCES	
ACTION ID.	ACT
REQUESTED ACTION	
DUE DATE	
Number of Pages	13
LANGUAGE USED	English
DISTRIBUTION	P & L Members SC Chair WG Conveners and Secretaries

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ISO/IEC JTC 1/SC 32 N2487

Summary of Voting on Document SC 32 N 2475

Title: CD2 19763-13 Information technology - Metamodel framework for interoperability (MFI) Part 13: Metamodel for forms registration

Project: 1.32.22.01.13.00

“P” Member	Approval	Approval with Comments	Disapproval with Comments	Abstention with Comments
Canada			1	
Côte d’Ivoire				1
China	1			
Czech Republic	1			
Egypt	1			
Finland				1
Germany				1
India				1
Japan		1		
Korea, Republic of		1		
Portugal				1
Russian Federation	1			
United Kingdom			1	
United States	1			
Total “P”	5	2	2	5
“O” Member				
Austria				
Belgium				
France				1
Ghana				
Hungary				
Indonesia				
Italy				
Kazakhstan				
Norway				
Romania				
Poland				
Sweden				
Switzerland				
Total “O”				

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COMMENTS:

Canada

NO. See comments below:

Côte d'Ivoire

ABSTAIN. Lack of expertise and interest.

Finland

ABSTAIN. Lack of expertise and interest.

Germany

ABSTAIN. Lack of expertise and interest.

India

ABSTAIN. Lack of expertise and interest.

Japan

YES. See comments below:

Korea

YES. See comments below:

Portugal

ABSTAIN. Lack of expertise and interest.

United Kingdom

NO. See comments below:

Template for comments and secretariat observations

Date: 2014-05-30

Document:32N2475 CD2 19763-13

Project:

MB/NC ¹	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment ²	Comments	Proposed change	Observations of the secretariat
CA01	1	All	Page heading	Ed	The document number in the page heading is incorrect throughout the document.	Correct the document number.	
CA02	219	3.2.2.	Definition	Ed	According to ISO/IEC directives, articles should not be used at the beginning of a definition.	delete 'an' at the beginning of the definition	
CA03	230	3.2.5	Definition	Ed	According to ISO/IEC directives, articles should not be used at the beginning of a definition.	delete 'an' at the beginning of the definition	
CA04	251	3.2.10+	Term Num	Ed	the term 'form design' is missing a term number	Make the correction	
CA05	254	3.2.11	Term	Ed	there is a blank line between the Term Num and the Term	Delete the blank line	
CA06	258	3.2.12	Term	Ed	there is a blank line between the Term Num and the Term	Delete the blank line	
CA07	267	3.2.14	Term	Ed	there is a blank line between the Term Num and the Term	Delete the blank line	
CA08	283	3.3	definition	Ed	" Metamodel Framework for Interoperability" should be " Metamodel framework for interoperability"	Make the correction	
CA09	283	3.3	definition	Ed	The reference to 'Part-2' should be 'Part 10'	Make the correction	
CA10	289	3.3	definition	Ed	"Forms" should be "forms"	Make the correction	
CA11	281	3.3	missing term	Ed	Several Figures use "ISO11179" as a reference to ISO/IEC 11179-3:2013	Add this to the list of abbreviated terms	
CA12	281	3.3	missing term	Ed	Figure 9 and some tables use "ISO19763-13" as a reference to ISO/IEC 19763-13	Add this to the list of abbreviated terms	
CA13	294	4.1	last line	Te	For consistency with clauses 4.2.2 and 4.2.3, th reference to clause 5.3 should be to clause 5.	Make the correction	
CA14	337	5.1	para 3	Ed	Figure 7 has inadvertently been included along with the reference to it.	Delete the copy of Figure 7 and fix the alignment and font of lins 336 and 337.	
CA15	340	5.1	para 3	Ed	" question one form" should be " question on one form"	Make the correction	

1 **MB** = Member body / **NC** = National Committee (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

Template for comments and secretariat observations

Date: 2014-05-30

Document:32N2475 CD2 19763-13

Project:

MB/NC ¹	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment ²	Comments	Proposed change	Observations of the secretariat
CA16	345	5.1	Figure 1	Te	The role at Section_Element on the association with Form_Design_Element looks incorrect. If the Form_Design_Element is contained within the Section_Element then the role name should be containing_section (even though the section itself is contained within the form).	Make the correction	
CA17	347	5.1	Figure 2	Te	The figure has no accompanying text to explain it. The should be at least a sentence to provide context for the figure, with a reference to where it is described in more detail, or it should be position along with that description.	Either provide more explanatory text, or move the figure to where the text already exists.	
CA18	348	5.1	Figure 2 caption	Ed	The reference to ISO should be ISO/IEC	Make the correction	
CA19	350-352	5.1	Figure 3	Te	The figure has no accompanying text to explain it. The should be at least a sentence to provide context for the figure, with a reference to where it is described in more detail, or it should be position along with that description.	Either provide more explanatory text, or move the figure to where the text already exists.	
CA20	353-356	5.1	Figure 4	Te	The figure has no accompanying text to explain it. The should be at least a sentence to provide context for the figure, with a reference to where it is described in more detail, or it should be position along with that description.	Either provide more explanatory text, or move the figure to where the text already exists.	
CA21	357-359	5.1	Figure 5	Te	The figure has no accompanying text to explain it. The should be at least a sentence to provide context for the figure, with a reference to where it is described in more detail, or it should be position along with that description.	Either provide more explanatory text, or move the figure to where the text already exists.	
CA22	360-362	5.1	Figure 6	Te	The figure has no accompanying text to explain it. The should be at least a sentence to provide context for the figure, with a reference to where it is described in more detail, or it should be position along with that description.	Either provide more explanatory text, or move the figure to where the text already exists.	
CA23	363-365	5.1	Figure 7	Te	The figure has no accompanying text to explain it.	Either provide more explanatory text, or move the	

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

Template for comments and secretariat observations

Date: 2014-05-30	Document:32N2475 CD2 19763-13	Project:
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MB/NC ¹	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment ²	Comments	Proposed change	Observations of the secretariat
					The should be at least a sentence to provide context for the figure, with a reference to where it is described in more detail, or it should be position along with that description.	figure to where the text already exists.	
CA24	434	5.3.1	Note	Ed	There is an invalid reference.	Correct the reference.	
CA25	437	5.3.1	Para 4	Ed	'detail' should be 'details'	Make the correction	
CA26	449-453	5.3.3	para 1	Ed	The reference to Figure 7 has inadvertently included the Figure itself.	Correct the reference to remove the Figure, and correct the alignment and font of the first paragraph.	
CA27	475	5.4.4	Attribute	Te	The Compliance_Instruction metaclass has no attributes. Surely it needs a textual attribute to hold the instruction. Should it inherit from Form_Design_Element? Is an instruction the same as a Rule?	Add an attribute to hold the instruction, or explain how the instruction is recorded.	
CA28	478	5.4.5	Reference – contained_ section name	Te	As per the comment on Figure 1, the reference name should be 'containing_section', not 'contained_section'.	Make the correction	
CA29	478	5.4.5	Reference – contained_ section multiplicity	Te	As shown in Figure 1, the multiplicity at the Section_Element is 1.	Make the correction	
CA30	478	5.4.5	Reference – contained_ section description	Te	The description of 'contained(ing)_section' is incorrect. The description of the Inverse reference is: The optional set of Form_Design_Element instances contained by this Section_Element instance	Change the description to: The instance of class Section_Element that contains this instance of Form_Design_Element .	
CA31	487	5.4.8	Text_ Element	Te	The metaclass has no attributes. How is the associated Text to be recorded. Mention is made of using Designatable_Item for multi-lingual forms, but neither Designation nor Definition are intended for general Text.	Explain how the Text is to be recorded. Explain the relevance of Designatable_Item to multi-lingual forms.	

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Template for comments and secretariat observations

Date: 2014-05-30	Document:32N2475 CD2 19763-13	Project:
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MB/NC ¹	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment ²	Comments	Proposed change	Observations of the secretariat
CA32		All		Ge	If any further problems are discovered before or during the Comment Resolution Meeting, and a consensus can be reached on a solution, then they should be corrected.	To be determined at the CRM as required.	

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Template for comments and secretariat observations

Date: May 15, 2014	Document: SC32 N2417-CD2 19763-13	Project: 1.32.22.01.13.00
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MB/ NC ¹	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment ²	Comments	Proposed change	Observations of the secretariat
JP0 1	Page 2 434	5.3.1	Basic Types	ed	There is no reference source.	The correct source should be referred with the Microsoft Word cross-reference function.	
JP0 2	Page 3 449	5.3.3	Form_Design_Element_Set_Mapping_Degree	ed	The first 2 sentences are bold and centering.	They should be left-aligned. The words except Class name should not be bold.	
JP0 3	Page 10 478	5.4.5	Form_Design_Element	ed	Scoped_Identifier , Identified_Item, Section_Element are italic.	Scoped_Identifier , Identified_Item, Section_Element, should not be Italic.	
JP0 4	Page 11	5.4.6	Section_Element	ed	Form_Design_Element and Text_Element are italic.	Form_Design_Element and Text_Element should not be italic.	
JP0 5	Page 12 487	5.4.8	Text_Element	ed	The first "Text_element" is not bold.	Text_element should be bold. The character "e" of element should be capital.	
JP0 6	Page15 503	5.4.14	Response	ed	Response is not bold.	Class name should be bold.	
JP0 7	Page 16 509	5.4.15	Text_Field	ed	Text_Field is not bold.	Class name should be bold.	
JP0 8	Page 18 517	5.4.18	List_Item	ed	List_Item is not bold.	Class name should be bold.	
JP0 9	Page 18 518	5.4.19	Availability	ed	Availability is not bold.	Class name should be bold.	
JP1 0	Page 19 520	5.4.20	Rule	ed	Expression is italic.	Expression should not be italic.	
JP1 1	Page 19 521	5.4.21	Expression	ed	There are the rules.	The rules should be deleted.	

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Template for comments and secretariat observations

Date: May 15, 2014	Document: SC32 N2417-CD2 19763-13	Project: 1.32.22.01.13.00
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MB/ NC ¹	Line number (e.g. 17)	Clause/ Subclause (e.g. 3.1)	Paragraph/ Figure/ Table/ (e.g. Table 1)	Type of comment ²	Comments	Proposed change	Observations of the secretariat
JP1 2	Page 21 531	5.4.25	MDR_Mapping	ed	MDR_Mapping is not bold.	Class name should be bold.	
					End of comments		

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Template for comments and secretariat observations

Date: 2014.05.21

Document: **32N2476 text for ballot CD2 19763-13**

1	2	(3)	4	5	(6)	(7)
MB¹	Clause No./ Subclause No./ Annex (e.g. 3.1)	Paragraph/ Figure/Table/ Note (e.g. Table 1)	Type of com- ment²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
KR01	Page 1	Line 182	ed	Project title is wrong.	Replace the project title to be right.	
KR02	Subclause 5.1, page 5	Line 338, Figure 7	ed	Figure number is mistyped.	Replace figure number.	
KR03	Subclause 5.1, page 7	Line 348, Figure 2	ed	Project number is need to be clear.	Replace "ISO19763-13" to "ISO/IEC 19763-13".	
KR04	After page 10	all	ed	Page number is mistyped.	Replace page number.	
KR05	Subclause 5.3.3	Line 450	ed	There is no figure caption.	Add caption to figure.	
KR06	Annex A.6.1, page 26	Line 665	ed	Project number is need to be clear.	Replace "19763-13" to "ISO/IEC 19763-13".	
KR07	Annex D, page 35	Line 753	ed	Project number is need to be clear.	Replace "19763-13" to "ISO/IEC 19763-13".	
KR08	Annex E, page 38	Line 757	ed	Project number is need to be clear.	Replace "19763-13" to "ISO/IEC 19763-13".	

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

Template for comments and secretariat observations

Date: 5 May 2014

Document: ISO/IEC CD 19763-13 (SC32N2475)

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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB 01	General		ge	There are inconsistencies in the title of this document – both “Metamodel for forms registration” and “Metamodel for forms” are used. But neither of these titles is appropriate within the context of 19763. A more appropriate title is “Metamodel for form design registration”.	Arrange for a title change to “Metamodel for form design registration”.	
GB 02	General		ge	There are numerous references to mapping to MDR and specific elements of the metamodel are introduced to facilitate this. This is inappropriate for this part of 19763 as it is feasible that items registered using the metamodels specified in other parts may also need to be mapped to items registered using 11179. The mapping should, therefore, be a common feature.	Remove all references to mapping between items registered using this metamodel and items registered using 11179.	
GB 03	General		ge	The metamodel diagram is spread over a number of diagrams (Figures 1, 3, 4 and 5). It is the norm within 19763 to present the complete metamodel using a single diagram.	Provide a single metamodel diagram to replace Figures 1, 3, 4 and 5.	
GB 04	Foreword	Line 127	ed	Part 1 has been renamed.	Delete “Reference Model”, insert “Framework”	
GB 05	Introduction	Line 163	ed	Incorrect punctuation.	Delete second full stop	
GB 06	1	Line 185	ed	Incorrect description.	Delete “... a metamodel for registering forms”, insert “... a metamodel for registering form designs”	
GB 07	2	Line 202	ed	Part 1 has been renamed.	Delete “Reference Model”, insert “Framework”	
GB 08	3.2.1 et seq	Lines 213, 214 et seq	ed	Incorrect formatting.	Delete the white space between lines 213 and 214 and all subsequent definitions and abbreviations in Clauses 3.2 and 3.3.	
GB 09	3.2.1 et seq	Line 214 et seq	ed	Cross references should be provided in definitions.	Delete “digital object that is required as a response to a question on a form”, insert “digital object that is required as a response to a question on a form (3.2.10)” and similar throughout Clause 3.2.	
GB 10	3.2.1	Line 215	ed	Incorrect formatting.	Delete “note”, insert “Note”.	

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Template for comments and secretariat observations

Date: 5 May 2014

Document: ISO/IEC CD 19763-13 (SC32N2475)

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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB 11	3.2.1	Line 219	ed	Definitions should not begin with a definite or indefinite article.	Delete “an operator ...”, insert “operator ...”.	
GB 12	3.2.5	Line 2230	ed	Definitions should not begin with a definite or indefinite article.	Delete “an expression ...”, insert “expression ...”.	
GB 13	3.2.9 and 3.2.11	Lines 241-245 and lines 253-256	te	Two inconsistent definitions for the same thing.	None provided.	
GB 14	3.2.10	Lines 246-250	ed	Incorrect positioning within alphabetical order.	Move definition to immediately after 3.2.8 (field)	
GB 15	4	Lines 291-320	ed	Inconsistency – in lines 294 the reference is to clause 5.3 but elsewhere it is to clause 5.	Make consistent.	
GB 16	4.2.4	Line 316	ed	Incorrect reference.	Delete “(2.2)”, insert “(4.2)”.	
GB 17	5	Line 321 et seq	ed	The structure of this clause is very confusing. Some of the material is not required such as that in Clause 5.2 because it is covered in 19763-10 and that in Clause 5.1 because it is inappropriate. Another problem is that the figures appear to be out of order and not related to the appropriate text.	Make the appropriate amendments to bring Clause 5 into line with the norm for a part of 19763. In particular, remove any content that is already specified in 19763-10,	
GB 18	5	Line 321 et seq	te	There are many instances of data types that outwith those specified for 19763 within the 19763 Modelling Guidelines.	Only use 19763 data types.	
GB 19	5.1	Line 323	te	“Both are normative”. Text is normative and diagrams are informative in 19763.	Make appropriate amendments.	
GB 20	5.1	Lines 335-338	ed	There is a formatting problem and a figure that is unlabelled. The figure appears to be a copy of the later Figure 7.	None provided.	
GB 21	5.1	Figure 2	te	It was agreed at the Santa Fe meeting that specialisations of associations would not be shown.	Remove association specialisations.	

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Template for comments and secretariat observations

Date: 5 May 2014

Document: ISO/IEC CD 19763-13 (SC32N2475)

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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB 22	5.1	Figure 7	ed	This figure should be removed – it repeats content specified in 19763-10 but is missing an important association (that between “Model” and “Model_Element”).	Remove figure.	
GB 23	5.3.3	Lines 449-453	ed	Another instance of a formatting problem and an extra copy of Figure 7.	None provided.	
GB 24	5.3.5	Line 457	te	The entries in the “value” column look more like codes than the conceptual values that are more applicable to a conceptual model.	Amend all of the values so that look like conceptual values.	
GB 25	5.4	Line 469 et seq	te	Many of the descriptions do not follow the conventions used in 19763.	Amend where necessary to follow the conventions of 19763.	
GB 26	Annexes	Line 542 et seq	ge	The annexes were not reviewed but it is noted that no examples of the registration of form designs are provided.	None provided.	

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