

ISO/IEC JTC 1/SC 32 N 2334

Date: 2013-03-20

REPLACES: —

ISO/IEC JTC 1/SC 32

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Secretariat: United States of America (ANSI)
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DOCUMENT TYPE	Summary of Voting/Table of Replies
TITLE	Summary of Voting on 32N2287 ISO/IEC CD3 19763-7 Information technology - Metamodel framework for interoperability (MFI) Part 7: Metamodel for service registration
SOURCE	SC32 Secretariat
PROJECT NUMBER	1.32.22.01.07.00
STATUS	WG2 is requested to resolve the comments. The document obtained substantial support.
REFERENCES	
ACTION ID.	ACT
REQUESTED ACTION	
DUE DATE	
Number of Pages	11
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DISTRIBUTION	P & L Members SC Chair WG Conveners and Secretaries

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ISO/IEC JTC 1/SC 32 N2334

Summary of Voting on Document SC 32 N 2287

Title: Summary of Voting on 32N2287 ISO/IEC CD3 19763-7 Information technology - Metamodel framework for interoperability (MFI) Part 7: Metamodel for service registration

Project: 1.32.22.01.07.00

“P” Member	Approval	Approval with Comments	Disapproval with Comments	Abstention with Comments
Canada		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	1	2	5
“O” Member				
Austria				
Belgium				
France				1
Ghana				
Hungary				
Indonesia				
Italy				
Kazakhstan				
Netherlands, The				
Norway				
Romania				
Poland				
Sweden				
Switzerland				
Total “O”				

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COMMENTS:

Canada

YES. See comments below:

Finland

ABSTAIN. Lack of expertise and interest.

Germany

ABSTAIN. Lack of expertise and interest.

India

ABSTAIN. Lack of expertise and interest.

Japan

NO. See comments below:

Portugal

ABSTAIN. Lack of expertise and interest.

United Kingdom

NO. See comments below:

United States

ABSTAIN. Lack of expertise and interest

MB/ NC ¹	Line number	Clause/ Subclause	Paragraph/ Figure/ Table/	Type of comment ²	Comments	Proposed change	Observations of the secretariat
CA 01	All	All	-	Ge	Canada approves the draft with the following comments		
CA 02	All	All	-	Ge	Since the new template allows for text to be referenced using line numbers, we generated a line numbered version of the text which is attached at the bottom of this document, and we have referenced those line numbers in our comments.	Canada asks that future ballot texts include line numbers so that all NBs can reference them.	
CA 03		All	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.	

END

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

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
JP 01	117	Foreword	7 th Paragraph	ed	The name of Part 6 ("Registration Procedure") is wrong.	"Registry Summary"	
JP 02	152	1. Scope	Figure 1	Ed	This figure use colour.	Replace to monochrome figure.	
JP 03	226	3.2	4 th item	Ed	The number of part of MFI-Core ("2") is wrong.	Replace to "10".	
JP 04	295	5.1	Figure 2	Ed	Too small to read.	Redraw figure 2 or separate by some region.	
JP 05				Ed	Since the position of the character in a figure has shifted, it is hard to understand.	Redraw figure 2 or separate by some region.	
JP 06				Te	This figure and the definition of clause 5.3 are not correct.	Ensure consistency of figure 2 and definitions of Chapter 5.3.	
JP 07				Te	Registered_Ontology_Atomic_Construct of MFI-3 does not have references, such as "annotated_output_message", "annotated_input_message" and "annotated_service_operation". The other references to classes which are defined in other part of MFI should be checked.	This is one of the problems casused by that references in both ways are always required.	
JP 08	346	5.2	Figure 3	Ed	It is better to change the notation of introductory notes ("subClassOf").	"subClassOf" should be "subclass".	
JP 09	373	5.4.1	3 rd row (Supreclass)	Ed	There is no underscore between words.	Replace to "Model_Element"	
JP 10			14 th row	Ed	There isn't this reference ("atomic_service") in figure 2.	Revice Figuer 2.	
JP 11			15 th row	Ed	There isn't this invers ("atomic_service") in figure 2.	Revice Figuer 2.	
JP 12	374	5.4.2	5 th row	Te	Why can it have two or more "language_id"?		

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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
JP 13			7 th row	Ed	In Fig. 2, the display position of this multiplicity is amusing.	Redraw Figure 2.	
JP 14	375	5.4.3	5 th row	Ed	The item name has started with the capital letter.	Change to a small letter.	
JP 15			11 th row	Ed	There is no underscore between words.	"described_IRI"	
JP 16	376	5.4.4	5 th row	Te	There is not attribute "type" in Figure 2. ("qos_type_name" ?)	Redraw Figure 2 or replace this attribute name.	
JP 17	378	5.4.6	1 st row	Ed	Although this class is an abstract class, this class name of Fig. 2 is not italic type.	Redraw Figure 2.	
JP 18				Te	"Expression is an abstract metaclass each instance of which represents a sentence which is described by a kind of logic notation to express a fact." Does "instance" in this explanation point out the instance of this abstract class? An abstract class does not have an instance.		
JP 19			7 th , 8 th 9 th rows	Te	The same name as the relation to a different class is used.	Change a relation name for every class.	
JP 20	382	5.4.9	11 th row	Te	Definition of "contained_exitcondition" attribute is empty.		
JP 21			12 th row	Ed	There is no this multiplicity in Figure 2.		
JP 22	387	5.4.13	5 th , 7 th , 8 th , 9 th rows	Ed	The display position of the multiplicity in front has shifted.		
JP 23			7 th row	Te	"contained_input" inverse is wrong.	Change to "consumed_message"	

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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
JP 24			10 th row	Te	This inverse name differ from figure 2.	"annotated_service_operation" and "annotatied_input_message" -- which is correct.	
JP 25	388	5.4.14	5 th , 7 th , 8 th , 9 th rows	Ed	The display position of the multiplicity in front has shifted.		
JP 26			7 th row	Te	"contained_output" inverse is wrong.	Change to "generated_message"	
JP 27			10 th row	Te	This value of inverse item differ from figure 2.	"annotated_service_operation" and "annotatied_output_message" -- which is correct.	
JP 28	391	5.4.17		Ed	The notation when not having an attribute is different from clasue 5.4.5.		
JP 29			5 th row	Te	This inverse name is wrong.	"describing_involvement_type"?	
JP 30	392	5.4.18	7 th , 8 th rows	Te	The same name as the relation to a different class is used.	Change a relation name for every class.	
JP 31		Annex B	All	Ed	In the table of example, he does not understand an item.	Add explanatory note of table form.	
JP 32		Annex B	All	Te	The example of the meta-model is not an example supposing implementation.	Should be explained more concretely like the example of the implementation by RDBMS.	
JP 33	417	B.1		Te	There is no example of an indispensable item. ("expressed_mode")	Add example value.	
JP 34	418		3 rd row	Ed	If this value represent the instance object, should change notation from notation of other string value This comment corresponds to all the items which make Object a value.		

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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
JP 35	420		Table	Te	There is no example of an indispensable item. ("containing_service")	Add example value.	
JP 36	421		Table	Te	There is no example of an indispensable item. ("precondition_name") After this, since the same mistake appears here and there, please improve the whole.	Add example value.	
JP 37	422		1 st row	Te	Expression class is abstract class. This class is not able to have an instance.	If this class has instance, it should be normal class or this value should be set in subclass of this class.	
JP 38	423		1 st row	Te	Should change the instance name of this example.	If this table represent an example of Atomic_Excpression class, it is better to use the same notation as other tables. This string "Atom_Expression00" had better change into "Atomic_expression00".	
JP 39			2 nd row	Te	This attribute is not defined. ("is-a-kind-of") There is same comment from "Atom_Expresseion00" to "Composite_Expression01"		
JP 40	427		3 rd row	Ed	This attribute seems to have two values.	Change this table style into the "Service_Operation00" table style (single value per line), or change the "Service_Operation00" table style into this table style.	
JP 41	430		1 st row	Te	Expression class is abstract class. This class is not able to have an instance.	If this class has instance, it should be normal class or this value should be set in subclass of this class.	

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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
JP 42	431		2 nd row	Te	This attribute is not defined. ("is-a-kind-of") There is same comment from "Atom_Expresseion04" to "Composite_Expression02"		
JP 43	454 - 469			Ed	There are the same comments as L417 to L446.		
JP 44				Te	There are the same comments as L417 to L446.		
JP 45	453- 469			Ed	There are the same comments as L417 to L446.		
JP 46				Te	There are the same comments as L417 to L446.		
JP 47	479- 508			Ed	There are the same comments as L417 to L446.		
JP 48				Te	There are the same comments as L417 to L446.		
JP 49	533- 544			Ed	There are the same comments as L417 to L446.		
JP 50				Te	There are the same comments as L417 to L446.		

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Template for comments and secretariat observations

Date: 2 April 2013

Document: ISO/IEC CD3 19763-7

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	3.1	Para 1	ed	Incomplete.	Amend to read: "For the purpose of this document, the terms and definitions given in ISO/IEC 19763-3:2010, ISO/IEC 19763-5, ISO/IEC 19763-8, ISO/IEC 19763-10 and the following apply."	
GB 02	3.1.5, 3.1.6		ed	Inconsistency – the definition in 3.1.5 talks about a service whilst the definition in 3.1.6 talks about a service operation. Should it be service operation in both cases?	None provided.	
GB 03	3.1.7, 3.1.8, 3.1.9	Note	ed	"metaclass for process model registration" !!!	Amend to read: "Metamodel for process model registration"	
GB 04	3.1.11		ed	"sentence which is described by a kind of logical notation to express a fact" Poor English.	Amend to read: "sentence which is expressed using a logical notation to specify either a condition that applies to a service operation or to a quality of service that applies to a service"	
GB 05	3.2	MFI Core	ed	Inconsistency with other parts of 19763	Amend to read: "MFI Core and mapping"	
GB 06	3.2	MFI PMR	ed	Inconsistency	Amend to read: "MFI Process Model registration"	
GB 07	3.2	MFI PMR	ed	"ISO/IEC 19763-5, Information technology –Metamodel framework for interoperability (MFI) – Part-5: Metamodel for process models registration" –incorrect title	Amend to read "ISO/IEC 19763-5, Information technology –Metamodel framework for interoperability (MFI) – Part-5: Metamodel for process model registration"	
GB 08	5.1	Para 1	te	"This metamodel supports the registration of information in service descriptions expressed in the service description languages listed in Annex A." Is this really true? The metamodel may also support any new languages that are developed in the future with similar concepts.	Amend to read "Examples of some service description languages that can be registered using this metamodel are listed in Annex A."	

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

Template for comments and secretariat observations

Date: 2 April 2013

Document: ISO/IEC CD3 19763-7

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 09	5.1	Fig 2	te	The figure shows Service_Involvement as being defined in this part. Since Service_Involvement is more closely related to Role than to Service it should be defined in Part 8 and not in this part.	Delete definition of Service_Involvement (5.4.17) from this part and make the necessary changes to Figure 2.	
GB 10	5.1	Para 3	te	It is noted that Exit_Condition has been added to Fig 2 but is not described in this paragraph.	Add description of Exit_Condition.	
GB 11	5.4.1 to 5.4.18	Reference Descriptions	ed	The descriptions only repeat the definition of the related metaclass and do not describe "the role or significance of the instance, or instances, of the referenced metaclass with respect to an instance of this metaclass" as stated in 5.3.	Amend the description of owned_qos_assertion for Service (5.4.1) to read: "The quality of service assertion that applies to this service." and amend all subsequent descriptions similarly.	
GB 12	5.4.2	Reference Description for expressed_model	ed	"A model that is used to model Services that can be modeled." Incorrect spelling.	Change "modeled" to "modelled"	
GB 13	5.4.3	Definition	ed	"... a model that is used to model Services that can be modeled." Incorrect spelling.	Change "modeled" to "modelled"	
GB 14	Annex A	Introductory Para	ed	This is too restrictive. The metamodel may also support any new languages that are developed in the future with similar concepts.	Amend to read "This Annex provides a list of existing service description languages that can be registered using the metamodel described in this part of ISO/IEC 19763."	
GB 15	Annex B			Please note that because of time limitations this has not been reviewed.		

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