

ISO/IEC JTC 1/SC 32 N 2484

Date: 2014-05-06

REPLACES: —

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 on 32N2459 CD5 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	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	16
LANGUAGE USED	English
DISTRIBUTION	P & L Members SC Chair WG Conveners and Secretaries

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ISO/IEC JTC 1/SC 32 N2484

Summary of Voting on Document SC 32 N 2459

Title: CD5 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		
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				
Total "P"	5	3	0	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

YES. 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:

Portugal

ABSTAIN. Lack of expertise and interest.

United Kingdom

YES. See comments below:

Template for comments and secretariat observations

Date: 2014-06-03	Document: 32N2459 CD5 19763-7	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
CA1	304,305	Annex B	Case 1 heading and 1 st line	Ed	The resolution of CD4 GB41 was to replace all use of WSMO by WSML, but WSMO is still used in the heading of Case 1, and the following sentence.	Either eliminate the reference to WSMO as previously agreed, or explain the relationship between WSML and WSMO, and add a reference to WSMO in the Bibliography, and add WSMO to the list of abbreviated terms in 3.2	Eliminate the reference to WSMO as previous agreed
CA2		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.	agree
					END OF COMMENTS		

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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
JP01	All			Ed	There are some slight problems in this document about document structure and the font currently used.	It is better to use "STD template.	agree
JP02	72	3.1.2		Ed	"composite expression" which is end of line is normal face.	Use bold face.	agree
JP03	90	3.1.7		Ed	"7" of "3.1.7" is normal face.	Use bold face.	agree
JP04	213	5.1	Figure 2	Ed	Mismatch between Figure 2 and Clause 5.3. Letter of attribute name is wrong. "Logical" of "postcondition_Logical_expression".	Change the character of the beginning of "Logical" into a small letter. "postcondition_Logical_expression" -> "postcondition_logical_expression"	agree
JP05	225, 226, 228, 234.	5.1	3 rd paragraph	Ed	inconsistent spelling. "pre-condition", "precondition"	Should unify into either.	Unify into "precondition"
JP06	226, 228, 235.	5.1	3 rd paragraph	Ed	inconsistent spelling. "postcondition"	Should correct like JP05.	agree
JP07	239	5.2	Figure 3	Ed	Mismatch between Figure 3 and Clause 5.3. Name of reference is wrong. "contained_operation"	Change to "contained_service_operation".	agree
JP08	239	5.2	Figure 3	Ed	Mismatch between Figure 3 and Clause 5.3. Multiplicity of "contained_operaton" ("contained_service_operation" ?) is "1..*".	Multiplicity of this reference should be changed to "0..1".	agree
JP09	250	5.2	Figure 4	Ed	There is no "Message_Type" metaclass.	Insert "Message_Type" metaclass into this Figure.	agree
JP10	250	5.2	Figure 4	Ed	Mismatch between Figure 3 and Clause 5.3. Name of metaclass is wrong. "Atom_Expression"	Change to "Atomic_Expression".	agree

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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
JP11	260	5.3.2	1 st paragraph	Ed	The font has changed in the middle of the sentence.		agree
JP12	264	5.3.4	1 st paragraph	Ed	Different font from the defining text of other subclause is used.	Please improve the font to be used.	agree
JP13	264	5.3.4	4 th row	Ed	Letter of attribute definition title is normal face.	Change to bold face.	agree
JP14	280	5.3.12		Ed	There is no definition of reference between "Service" metaclass and "Service_Involvement" metacalss.	Add definition of this reference.	Agree
JP15	292	Annex A	All	Ed	There is no clause number.	Use clause number in Annex, such as "A.1", "A.2" and so on.	General Issue to be discussed
JP16	301	Annex B	All	Ed	There is no clause number .	Use clause number in Annex, such as "B.1", "B.2" and so on.	General Issue to be discussed
JP17	319	(Case 1)	Figure B.2 (Part 1 of 2)	Ed	In Object101: There is no example data of "identifier" attribute. "Service_Description_Langage" has "identifier" attribute which is inherited from super class ("Model_Language" metacalss). Multiplicity of "identifier" attribute is "1..1", it is not omissible.	Insert example data of "identifier".	General Issue to be discussed
JP18	319	(Case 1)	Figure B.2 (Part 1 of 2)	Ed	In Object102: There is no example data of "identifier" attribute. "Service_Model" has "identifier" attribute which is inherited from super class ("Model" metaclass). Multiplicity of "identifier" attribute is "1..1", it is not omissible.	Insert example data of "identifier".	General Issue to be discussed

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JP19	319	(Case 1)	Figure B.2 (Part 1 of 2)	Ed	In "service_type" of Object103: Example data ("Task_Service") uses capital letter. (See. clause 5.3.16)	Change to small letter. Ex. 'task_service'	agree
JP20	319	(Case 1)	Figure B.2 (Part 1 of 2)	Ed	In "service_type" of Object103: Example data("Task_Service") is looks like value of string data type.	Change into another expression showing an enumeration type value. Ex. 'task_service' (Using single quotation mark).	agree
JP21		Annex B		Ed	The case 2, the case 3, and the case 4 have the same comments as JP17 to JP20.	The same correction as the Case 1 is made.	agree
					End of Comments		

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Template for comments and secretariat observations

Date: 16 April 2014

Document: ISO/IEC CD5 19763-7 (32N2459)

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		ed	Inconsistent formatting – various line and paragraph spacings are used throughout.	Use the correct template..	agree
GB 02	1	Para 2, Lines 51-52 (pdf)	ed	“This part of ISO/IEC 19763 can be applicable only for Web Services whose capabilities are described by some web service description language, see Annex A for examples.” English could be improved.	Amend to read This part of ISO/IEC 19763 is only applicable to web services whose capabilities are described by some web service description language (see Annex A for examples of such languages).	agree
GB 03	1	After line 65 (pdf)	ed	Incorrect page numbering	Delete “vi”, insert “1”	agree
GB 04	3.1.9	Line 100 (pdf)	ed	“type of the message that is consumed or generated for execution of service operation (3.1.18)”	Amend to read type of a message or a set of messages that is/are consumed or generated during execution of a service operation (3.1.18)	agree
GB 05	3.1.14	Line 120 (pdf)	ed	“specification of one or more qos types for the service (3.1.17)” Missing reference.	Amend to read specification of one or more qos types (3.1.15) for the service (3.1.17)	agree
GB 06	3.1.17	Lines 131-132 (pdf)	ed	“kind of Web based application, which encapsulates one or more computing modules and can be accessed through a specified interface” Is this a definition of “service” or “web service”?	Amend to read kind of application which encapsulates one or more computing modules and can be accessed through a specified interface and add a new definition for “web service” at 3.1.22 that constrains this definition.	Agree The definition of ‘service’ has been modified according to comments. Besides, a new definition for ‘web service’ is added as 3.1.22
GB 07	3.1.19	Line 138 (pdf)	ed	“Web service (3.1.17) with a functional boundary directly associated with a process model” Incorrect capitalisation and reference.	Amend to read web service (3.1.22) with a functional boundary directly associated with a process model	agree

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

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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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB 08	3.1.21	Lines 145-146 (pdf)	ed	"Web service (3.1.17) that is dedicated to provide reusable, cross-cutting utility functionality, such as event logging, notification, and except handling" Incorrect capitalisation and reference.	Amend to read web service (3.1.22) that is dedicated to provide reusable, cross-cutting utility functionality, such as event logging, notification, and except handling	agree
GB 09	5.1	Figure 2 - Line 213 (pdf)	ed	The attribute of "Expression" is incorrectly shown italicised.	Remove italics.	agree
GB 10	5.1	Figure 2 - Line 213 (pdf)	ed	Incorrect capitalisation.	Delete "postcondition_Logical_expression", insert "postcondition_logical_expression"	Agree Same as JP04
GB 11	5.1	Figure 2 - Line 213 (pdf)	ed	Inconsistent labelling	Move the "1..*" above "composing_expression" to the right of the association line and reposition "composing_expression" upwards.	agree
GB 12	5.1	Figure 2 - Line 213 (pdf)	ed	Incorrect role name.	Delete "describing_qos_assertion", insert "described_qos_assertion"	agree
GB 13	5.1	Last paragraph - Lines 232-233 (pdf)	ed	"Each message type represents data type of the message, including input message and output message." English could be improved.	Amend to read Each message type provides a description of a message or a set of messages, where each of these messages is consumed or generated during execution of a service operation.	Agree
GB 14	5.1	Last paragraph - Lines 235-236 (pdf)	ed	"Each service can be annotated by zero, one or more user tags, each of which may be created by all any person using the service." Extra word.	Amend to read Each service can be annotated by zero, one or more user tags, each of which may be created by any person using the service.	agree

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GB 15	5.2	Para 4 - Lines 252-254 (pdf)	ed	“Service_Description_Language in MFI Service registration is the subclass of Modelling_Language in MFI Core and mapping. Service_Model in MFI Service registration is the subclass of Model in MFI Core and mapping. All the remaining metaclasses are the subclasses of Model_Element in MFI Core and mapping.” English could be improved.	Amend to read Service_Description_Language in MFI Service registration is a subclass of Modelling_Language in MFI Core and mapping. Service_Model in MFI Service registration is a subclass of Model in MFI Core and mapping. All the remaining metaclasses are subclasses of Model_Element in MFI Core and mapping.	agree
GB 16	5.2	Para 5 - Lines 255-256 (pdf)	ed	“All subclasses have the associations which is inherited from superclass. Some inherited associations are specialized in this part of ISO/IEC 19763. The details of specialization are defined in Clause 5.3.” English could be improved.	Amend to read All subclasses have associations which are inherited from their superclass. Some inherited associations are specializations of associations specified in MFI Core and mapping. The details of these specializations are defined in Clause 5.3.	agree
GB 17	5.3.2	Line 261 (pdf) - Reference	ed	Incorrect description for “composing_expression”.	Amend to read The set of expressions that comprise this composite expression	agree
GB 18	5.3.4	Line 265 (pdf) - Reference	ed	Incorrect description for “expressed_exit_condition” – should be “exit”, not “exists”.	Amend to read The constraint that must be true when a service operation exits abnormally	agree
GB 19	5.3.4	Line 265 (pdf) - Reference	ed	Incorrect description for “composed_expression”.	Amend to read The composite expression of which this expression forms one of the elements of that composite expression	agree
GB 20	5.3.5	Line 267 (pdf) - Reference	ed	Incorrect description for “constraining_precondition” – should be “constraints”, not “constrains”.	Amend to read The set of preconditions, each of which constrains this input message when the service operation is invoked	agree

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Template for comments and secretariat observations

Date: 16 April 2014

Document: ISO/IEC CD5 19763-7 (32N2459)

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 21	5.3.6	Line 269 (pdf) - Attribute	ed	Incorrect description for “name” – should be “this”, not “a”.	Amend to read The name of this message type	agree
GB 22	5.3.6	Line 269 (pdf) - Attribute	ed	Incorrect description for “message_type_description” – should be “this”, not “a”.	Amend to read The description of this message type	agree
GB 23	5.3.6	Line 269 (pdf) - Reference	ed	Incorrect description for “involving_input_message”.	Amend to read The set of input messages, each of which is described by this message type	Agree
GB 24	5.3.6	Line 269 (pdf) - Reference	ed	Incorrect description for “involving_output_message”.	Amend to read The set of output messages, each of which is described by this message type	agree
GB 25	5.3.7	Line 267 (pdf) - Reference	ed	Incorrect description for “constraining_postcondition” – should be “constraints”, not “constrains”.	Amend to read The set of postconditions, each of which constrains this output message when the service operation is invoked	agree
GB 26	5.3.8	Line 273 (pdf) - Reference	ed	Incorrect description for “postcondition_logical_expression”.	Amend to read The expression that expresses this postcondition as a logical sentence	agree
GB 27	5.3.9	Line 275 (pdf) - Reference	ed	Incorrect description for “precondition_logical_expression”.	Amend to read The expression that expresses this precondition as a logical sentence	agree
GB 28	5.3.10	Line 277 (pdf) - Reference	ed	Incorrect description for “qos_logical_expression”.	Amend to read The expression that expresses this QoS assertion as a logical sentence	agree
GB 29	5.3.11	Line 279 (pdf) - Attribute	ed	Incorrect description for “name”.	Amend to read The name of this type of non-functional property	agree

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MB ¹	Clause No./ Subclause No./ Annex No. (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 30	5.3.11	Line 279 (pdf) - Reference	ed	Incorrect name and description for "describing_qos_assertion".	Amend name to read described_qos_assertion Amend description to read The set of QoS assertions, each of which is described by this QoS assertion type	agree
GB 31	5.3.12	Line 281 (pdf) - Attribute	ed	Incorrect description for "name" – should be "this", not "the".	Amend to read The name of this service	agree
GB 32	5.3.12	Line 281 (pdf) - Attribute	ed	Incorrect description for "requested_IRI" – should be "this", not "the".	Amend to read The IRI for invoking this service	agree
GB 33	5.3.12	Line 281 (pdf) - Attribute	ed	Incorrect description for "domain" – should be "this", not "the".	Amend to read The domain that this service belongs to (see bibliography [1])	agree
GB 34	5.3.12	Line 281 (pdf) - Attribute	ed	Incorrect description for "service_type" – should be "this", not "the".	Amend to read The type of this service	agree
GB 35	5.3.12	Line 281 (pdf) - Attribute	te	Missing reference	Add "involved_service_involvement" and detail.	agree
GB 36	5.3.13	Line 283 (pdf) - Attribute	ed	Incorrect description for "name" – should be "this", not "a".	Amend to read The name of this service description language	agree
GB 37	5.3.13	Line 283 (pdf) - Reference	te	Incorrect description for "expressed_model" – multiplicity is [0..*].	Amend to read The set of service models that are described by this service description language. This reference specializes the 'describes' reference which is inherited from the superclass	agree

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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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
GB 38	5.3.14	Line 285 (pdf) - Attribute	ed	Incorrect description for "name" – should be "this", not "a".	Amend to read The name of this service model	agree
GB 39	5.3.15	Line 287 (pdf) - Attribute	ed	Incorrect description for "name" – should be "this", not "a".	Amend to read The name of this service operation	agree
GB 40	5.3.15	Line 287 (pdf) - Reference	ed	Incorrect description for "consumed_message".	Amend to read The set of messages, each of which is consumed by this service operation for its execution	agree
GB 41	5.3.15	Line 287 (pdf) - Reference	ed	Incorrect description for "generated_message".	Amend to read The set of messages, each of which is generated by this service operation after its execution	agree
GB 42	5.3.15	Line 287 (pdf) - Reference	ed	Incorrect description for "contained_exit_condition" – should be "exit", not "exists".	Amend to read The constraint that must be true when a service operation exits abnormally	agree
GB 43	Annex B	Line 305 (pdf)	ed	"The Service is described in Web Service Modelling Ontology (WSMO)." English could be improved.	Amend to read The service in this example is described using Web Service Modelling Ontology (WSMO).	agree
GB 44	Annex B	Lines 317-318 (pdf)	ed	"The following shows how 'Book Ticket Web Service' is registered in terms of MFI Service registration. The detailed Service registration Information is shown as following:" English could be improved.	Amend to read Figure B.2 provides the object instances to illustrate the registration of the 'Book Ticket Web Service'.	agree
GB 45	Annex B	Figure B.2 Part 1 of 2 - Line 319 (pdf)	ed	Object 112 – duplicated reference – "constrained_model"	Remove one instance of "constrained_model" and make the referenced instances "Object121, Object122" in the remaining reference.	agree

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GB 46	Annex B	Lines 326-329 (pdf)	ed	"This service is described in Web Application Description Language (WADL). Presently, WADL only provides functional semantics about service. This service provided by Amazon is to search items in Amazon Internet shop. Browser will return item information after user inputs keywords or index of item. The fragmentary code is shown in Table B.3." English could be improved.	Amend to read The service in this example is described using the Web Application Description Language (WADL). Presently, WADL only provides functional semantics about services. This service, provided by Amazon, is to search for items in Amazon's Internet shop. The browser will return information about an item after the user inputs keywords or the index of that item. The fragmentary code is shown in Figure B.3.	agree
GB 47	Annex B	Line 333 (pdf)	ed	"The registration information in terms of MFI Service registration is shown as following." English could be improved.	Amend to read Figure B.4 provides the object instances to illustrate the registration of the 'Item Search Web Service'.	agree
GB 48	Annex B	Lines 339-342 (pdf)	ed	"This Service is described in Ontology Web Language for Service (OWL-S). This Service described here is a fictional book buying Service from www.congo.com . The normal usage scenario for these processes is as follows: they would be published by Congo, but executed by a software agent that wants to buy from Congo. The fragmentary code is shown in Figure B.5." English could be improved.	Amend to read The service in this example is described using the Ontology Web Language for Services (OWL-S). This example is a fictional book buying service from www.congo.com . The normal usage scenario for these processes is that they would be published by Congo but executed by a software agent that wants to buy from Congo. The fragmentary code is shown in Figure B.5.	agree
GB 49	Annex B	Lines 351-352 (pdf)	ed	"The following is shown how 'A B2C book buying Service example of OWL-S' is registered in terms of MFI Service registration." English could be improved.	Amend to read Figure B.6 provides the object instances to illustrate the registration of the 'B2C Book Buying Web Service'.	agree
GB 50	Annex B	Lines 359-384 (pdf)	ge	Case 4 is very simple and does not appear to add anything that has not already been demonstrated in the previous examples.	Consider deleting this example completely or moving it so that it is the first example in Annex B.	We move it to the first example in Annex B.
GB 51	Annex B	Lines 360-	ed	"This Service is described in Web Service Description	Amend to read	agree

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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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
		375 (pdf)		<p>Language (WSDL) Version 2.0. The example scenario is as following. Hotel GreatH (a fictional hotel) is located in a remote island. It has been relying on fax and phone to provide room reservations. Even though the facilities and prices at GreatH are better than what its competitor offers, GreatH notices that its competitor is getting more customers than GreatH. After research, GreatH realizes that this is because the competitor offers a Web Service that permits travel agent reservation systems to reserve rooms directly over the Internet. GreatH then hires somebody to build a reservation Web Service with the following functionality:</p> <ul style="list-style-type: none"> ● CheckAvailability. To check availability, the client must specify a check-in date, a check-out date, and room type. The Web Service will return a room rate (a floating point number in USD) if such a room is available, or a zero room rate if not. If any input data is invalid, the Service should return an error. Thus, the Service will accept a <code>checkAvailability</code> message and return a <code>checkAvailabilityResponse</code> or <code>invalidDataFault</code> message. ● MakeReservation. To make a reservation, a client must provide a name, address, and credit card information, and the Service will return a confirmation number if the reservation is successful. The Service will return an error message if the credit card number or any other data field is invalid. Thus, the Service will accept a <code>makeReservation</code> message and return a <code>makeReservationResponse</code> or 	<p>This Service is described using the Web Service Description Language (WSDL) Version 2.0. The example concerns Hotel GreatH (a fictional hotel) located on a remote island. It has been relying on fax and phone to provide room reservations. Even though the facilities and prices at GreatH are better than what its competitor offers, GreatH notices that its competitor is getting more customers than GreatH. After research, GreatH realizes that this is because the competitor offers a web service that permits travel agent reservation systems to reserve rooms directly over the Internet. As a result GreatH issues a contract to build a reservation web service with the following functionality:</p> <ul style="list-style-type: none"> ● CheckAvailability. To check availability, the client must specify a check-in date, a check-out date, and room type. The web service will return a room rate (a floating point number in USD) if such a room is available, or a zero room rate if not. If any input data is invalid, the service should return an error. Thus, the service will accept a <code>checkAvailability</code> message and return a <code>checkAvailabilityResponse</code> or <code>invalidDataFault</code> message. ● MakeReservation. To make a reservation, a client must provide a name, address, and credit card information, and the service will return a confirmation number if the reservation is successful. The service will 	

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.

Template for comments and secretariat observations

Date: 16 April 2014

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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 comment ²	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
				<p><code>invalidCreditCardFault</code> message.</p> <p>To simplify the example, only the <code>CheckAvailability</code> operation will be implemented. The fragmentary code is shown in Figure B.7..”</p> <p>English could be improved.</p>	<p>return an error message if the credit card number or any other data field is invalid. Thus, the service will accept a <code>makeReservation</code> message and return a <code>makeReservationResponse</code> or <code>invalidCreditCardFault</code> message.</p> <p>To simplify the example, only the <code>CheckAvailability</code> operation will be used. The fragmentary code is shown in Figure B.7.</p>	
GB 52	Annex B	Lines 351-352 (pdf)	ed	<p>“The following is shown how ‘WSDL 2.0 Document for the GreatH Web Service’ is registered in terms of MFI Service registration.” English could be improved.</p>	<p>Amend to read</p> <p>Figure B.8 provides the object instances to illustrate the registration of the ‘GreatH Web Service’.</p>	agree

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