

Title: Issues List Summary for ISO/IEC 11179-3 Revision
Status: JTC 1/SC 32/WG 2 Standing Document
Date: 09 August 2000
Supersedes: 14 May 2000
Source: Ray Gates, Canada, for the project editor

The columns in the document have the following meanings:

- **SEQ #** — A sequence number indicating the total number of comments
- **Cmnt ID** — The comment identifier assigned by the organization submitting the comment and the submitting organization
- **Related Issues** — Pointers to (comment identifiers of) other comments that appear to be closely related
- **Severity** — The severity of the problem as stated by the organization submitting the comment. One of:
 - 0-Procedural
 - 1-Major technical
 - 2-Minor technical
 - 3-Major editorial
 - 4-Minor editorial
 - 5-Future topic
- **Reference** — The version of the document against which the comment was made and/or any paper from which the issue was drawn..
- **Description** — The description provided by the organization with the comment; this includes any solution provided by the organization
- **Addressed By** — “Comment” if a solution was provided by the organization; a paper number if a known proposal addresses the comment; the version of the WD or metamodel that incorporates the proposal and/or resolution, blank otherwise.
- **Tentative Resolution** — The description provided from initial consensus
- **Status** — The current status of the issue: 1-Open, 2-Draft Resolution, 3-Resolved

The Word version of the table can be sorted by: Status, Severity and Cmnt ID

SEQ #	Cmnt ID	Related Issues	Severity	Reference	Title / Description	Addressed By	Resolution	Status
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SEQ #	Cmnt ID	Related Issues	Severity	Reference	Title / Description	Addressed By	Resolution	Status
1	Issue 001 DD Mann US expert	Issue 022 Issue 027 Issue 035 Issue 054 Issue 064	2-Minor Technical	WD 11179-3 (1998-12-08)	Data_Element relationship to Rule Solution Refine the structure between Rule and Data_Element Support an environment where an IDEF0 activity with its ICOMs (inputs, controls, outputs, mechanisms) or a function of "x = f(y)" can be expressed. Remove the data_element_rule relationship. Add the entity Input_Set. This is an ordered set aggregation of Data_Elements that is used to derive a Data_Element. Add the relationship between Data_Element and Input_Set that identifies the set of Data_Elements that are used to derive the Data_Element. Add a relationship between Input_Set and Rule to derive the Data_Element. Add associated textual descriptions.	Issue 064 and 2000-04-13 metamodel.	Date: 1999-06-25 Proposal accepted. Some additional text changes identified as required. Resolution modified by Issue 054. Further modified by Issue 064.	3-Resolved
2	Issue 002 DD Mann US expert	Issue 031 Issue 071	2-Minor Technical	WD 11179-3 (1998-12-08)	Concept_Application_Association Solution Specify the Concept_Application_Association role. Add an attribute to Concept_Application_Association for role.	Issue 071	Issue 071 replaces "Role" by "Type Description"	3-Resolved
3	Issue 003 DD Mann US expert	Issue 023 Issue 039	1-Major Technical	WD 11179-3 (1998-12-08)	Classified_Component. Solution Eliminate the Classified_Component entity. Eliminate the Classified_Component entity by collapsing it into its supertype of Administered_Component. This entails moving the Classified_Component relationships to the Administered_Component.	Issue 039.	Resolved by Issue 039.	3-Resolved
4	Issue 004 DD Mann US expert	Issue 009-07	2-Minor Technical	WD 11179-3 (1998-12-08)	Contact_Person Solution Add attributes to contact person Contact_Person add the attributes: phone_number required electronic_mail_address optional	WD 11179-3 (1999-05-05) WD 11179-3 (1999-12-13) 2000-05-12	Agreed. Consider whether there are other attributes that should added: e.g. Cell phone number, pager number. Text changes (including cell phone number and pager number) included in 1999-12-13 WD.	3-Resolved

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					fax_number optional telex_number optional	metamodel	Cell phone number and pager number included in 2000-05-12 metamodel.	
5	Issue 005 DD Mann US expert	Issue 025	2-Minor Technical	WD 11179-3 (1998-12-08)	Component_Registration_Authority Solution The identifier should be decomposed to include the following attributes: International_Code_Designator Organization_Identifier Organization_Part_Identifier OPI_Source Data_Identifier	Issue 025.	Resolved by Issue 025	3-Resolved
6	Issue 006 DD Mann US expert	Issue 009-01 Issue 024 Issue 032 Issue 055	1-Major Technical	WD 11179-3 (1998-12-08)	Administered_Component Solution Remove the totality and exclusive subtype constraints on the Administered_Component entity.	Issue 009-01 Issue 032.	Resolved by Issue 009-01 & Issue 032. This may not be a complete resolution.	3-Resolved
7	Issue 007 DD Mann US expert	Issue 056 Issue 059	2-Minor Technical	WD 11179-3 (1998-12-08)	Data_Element_Concept relationship with Conceptual_Domain Solution The cardinality of Conceptual_Domain to Data_Element_Concept should change from (1,N) to (0,N). This will allow a Conceptual_Domain to exist without a Data_Element_Concept.	WD 11179-3 (1999- 05-05) WD 11179-3 (1999- 12-13)	Proposal accepted. Relationship name added in 1999-12-13 metamodel. Text description also required.	3-Resolved
8	Issue 008 DD Mann US expert	Issue 011 Issue 014 Issue 068 Issue 071 Issue 075 Issue 077 Issue 078 Issue 082	1-Major Technical	WD 11179-3 (1998-12-08) WG2 N215 WG2 N216	Harmonization of terms and definitions Solution An analysis of the terms and definitions in the ISO/IEC 11179-3 and other parts of ISO/IEC 11179 should be reviewed and harmonized with existing ISO and ISO/IEC standards	WG2 N203 WG2 N219	Work in progress. Comment from US L8 mtg July 20, 2000: "Adequately addressed for this release."	1-Open
9	Issue 009	Issue 055, & see specific	1-Major Technical	WD 11179-3 (1998-12-08)	Proposed Metamodel revision UML-3b Solution		See specific proposals.	3-Resolved

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	DD Mann US expert	proposals.			See following 10 proposals.			
10	Issue 009-01 DD Mann US expert	Issue 006 Issue 024 Issue 032 Issue 055	1-Major Technical	WD 11179-3 (1998-12-08)	Encapsulation of the “administered component” as “administration record”. This then becomes the datatype for the attribute “administration data” that is utilized in ‘data element’, “data element concept”, “object class”, “property”, etc..	Issue 032.	Resolved by Issue 032.	3-Resolved
11	Issue 009-02 DD Mann US expert	Issue 038 Issue 055	1-Major Technical	WD 11179-3 (1998-12-08)	Encapsulation of “object class” for use as a datatype for the attribute “object class” in “data element concept”.	WD 11179-3 (1999-05-05)	Originally agreed, but reopened by Issue 038. Resolution of Issue 038 is to reject the proposal, so the original agreement re Issue 009-02 still stands.	3-Resolved
12	Issue 009-03 DD Mann US expert	Issue 038 Issue 055	1-Major Technical	WD 11179-3 (1998-12-08)	Encapsulation of “property” for use as a datatype for the attribute “property” in “data element concept”	WD 11179-3 (1999-05-05)	Originally agreed, but reopened by Issue 038. Resolution of Issue 038 is to reject the proposal, so the original agreement re Issue 009-03 still stands.	3-Resolved
13	Issue 009-04 DD Mann US expert		2-Minor Technical	WD 11179-3 (1998-12-08)	Encapsulation of “unit of quantity” for use as a datatype for the attribute “unit of quantity” in “value domain”.	WD 11179-3 (1999-05-05)	Proposal accepted.	3-Resolved
14	Issue 009-05 DD Mann US expert		2-Minor Technical	WD 11179-3 (1998-12-08)	Encapsulation of “datatype” for use as a datatype for the attribute “datatype” in “value domain”.	WD 11179-3 (1999-05-05)	Proposal accepted.	3-Resolved
15	Issue 009-06 DD Mann US expert	Issue 033 Issue 055 Issue 067	2-Minor Technical	WD 11179-3 (1998-12-08)	Encapsulation of “codeset” for use as a datatype for the attribute “codeset” in “value domain”.	WD 11179-3 (1999-05-05)	Resolved by Issue 033.	3-Resolved
16	Issue 009-07 DD Mann US expert	Issue 004 Issue 055	1-Major Technical	WD 11179-3 (1998-12-08)	Encapsulation of “contact person” for use as a datatype for the attribute “contact person” in “component responsible organization” and . “component submitting organization”	WD 11179-3 (1999-05-05)	Proposal accepted.	3-Resolved
17	Issue 009-08 DD Mann	Issue 041	2-Minor Technical	WD 11179-3 (1998-12-08)	Encapsulation of “representation class” for use as a datatype for the attribute “representation class” in “data	WD 11179-3 (1999-05-05)	Proposal accepted.	3-Resolved

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	US expert				element”.			
18	Issue 009-09 DD Mann US expert	Issue 005 Issue 025	2-Minor Technical	WD 11179-3 (1998-12-08)	Encapsulation of “component identifier” for use as a datatype for the identifier” in “component registration authority”.	WD 11179-3 (1999-05-05)	Resolved by Issue 025.	3-Resolved
19	Issue 009-10 DD Mann US expert	Issue 31	2-Minor Technical	WD 11179-3 (1998-12-08)	Change the name of “component name context” to “designation”	WD 11179-3 (1999-05-05)	Proposal accepted.	3-Resolved
20	Issue 010-01 DD Mann US expert	Issue 012 Issue 051 Issue 052	3-Major Editorial	WD 11179-3 (1998-12-08)	Change the title of 11179-3 to “Basic attributes of data element components”.	CD 11179-3 (SC32 N490)	The WG2 Manhattan meeting changed the title of ISO/IEC 11179 to "Information technology - Data Management and Interchange - Metadata Registries (MDR)” Status left as Draft Resolution pending results of CD ballot.	2-Draft Resolution
21	Issue 010-02 DD Mann US expert	Issue 086 Issue 087	2-Minor Technical	WD 11179-3 (1998-12-08)	Proposed change of terms - Data Element Component Throughout the document the term “data element” should be changed to “data element component” wherever the notion is of one of the components in the metamodel. Wherever the notion of just “data element” exists, the term should not change.		CD 11179-3 made a global change to the term “Data Element” to “Administered Data Component”. This leaves the issue unresolved.	1-Open
22	Issue 011 Canada	Issue 008 Issue 051 Issue 052	1-Major Technical	WD 11179-3 (1999-05-05) SC32N0264	Canada believes that incorporation of ANS X 3.285 into ISO/IEC 11179 requires changes to all parts of ISO/IEC 11179, not just Part 3.		Editors of each part are requested to identify the impact on their part of the changes being made to part 3.	2-Draft Resolution
23	Issue 012 Canada	Issue 010-01	1-Major Technical	WD 11179-3 (1999-05-05) SC32 N0263 SC32 N0264 SC32 N0267	Proposed restructuring and change of name of ISO/IEC 11179 and its parts		The majority of participants prefer to retain the existing structure.	2-Draft Resolution
24	Issue 013-1 Canada		0- Procedural	WD 11179-3 (1999-05-05)	Procedures for Progression of Working Draft (1) That change proposals to Working Drafts (and subsequent progressions) be documented according to the format used	SD11 and SD12	Issues to be documented in standard form in standing documents.	2-Draft Resolution

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					by L8 in development of the metamodel; and that these be accessible from the WG2 Website.		WG2 FTP and Web site to be revamped. Frank Farance to provide a new web/ftp site. Status left as "Draft resolution" until new web site operational.	
25	Issue 013-02 Canada		0- Procedural	WD 11179-3 (1999-05-05)	Procedures for Progression of Working Draft (2) While formal progressions of the standard will be carried out in accordance with JTC1 directives, as much work as possible should be carried out by email and/or teleconference.		A revised working draft was posted October 4, to act as a baseline against which detailed change proposals may be made to resolve outstanding issues. A subsequent draft is targeted for December 1. It is hoped that we may be able to produce a CD out of the January meeting.	3-Resolved
26	Issue 013-3 Canada	Issue 011 Issue 012	0- Procedural	WD 11179-3 (1999-05-05)	Procedures for Progression of Working Draft (3) Canada has recommended that WG2 establishes procedures to accomplish the merger of ANS X3.285 with part 3, including: <ul style="list-style-type: none"> • projects under which each new part can be progressed • editorial support for new working drafts for each part • meeting time to discuss the impact on each part. 	Issue 011.	Previous editors of each part to assume responsibility for revisions. The status will be left as Draft Resolution until progress is shown to be made on the other parts.	2-Draft Resolution
27	Issue 014 Canada	Issue 008 Issue 016	1-Major Technical	WD 11179-3 (1999-05-05) SC32 N0264 32 N0265 MAT 013	Alignment of metamodel with definitions and other text. Solution That the normative text (Clauses 4 to 7 inclusive) drawn from the existing Part 3 be checked against, and aligned with, the metamodel and accompanying data dictionary in Clauses 8 and 9.		Metamodel has been aligned with the definitions in CD 11179-3 (SC32 N0490). Any problems found in the CD should be raised as ballot comments.	3-Resolved
28	Issue 015 Canada		3-Major Editorial	WD 11179-3 (1999-05-05)	General editing Page numbers, clauses and Annexes to be numbered correctly. Solution	WD 11179-3 (1999-12-13)	1999-12-13 WD has partially addressed these issues. There are still some cross-references to clauses that need to be updated. Ray Gates is assisting the editor with the use of the template.	3-Resolved
29	Issue 016-1 Canada	Issue 014	1-Major Technical	WD 11179-3 (1999-05-05) 32N0265 MAT013	Linguistically neutral identifier (1) - problems inherited from 11179-3 Solution A linguistically neutral identifier should be made mandatory for all data element components.	WD 11179-3 (1999-05-05)	Resolved, as a linguistically neutral identifier for each data element component is already a mandatory requirement in the metamodel. Editor to ensure that the Committee Draft makes this abundantly clear. Editor to ensure clear distinction between language-dependent and language-independent concepts in	3-Resolved

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							normative text.	
30	Issue 016-2 Canada	Issue 037	1-Major Technical	WD 11179-3 (1999-05-05) 32N0265 MAT013 (item 3)	Linguistically neutral identifier (2) - problems introduced by recent metamodel changes. Solution An Administered Component requires a linguistically neutral identifier. <i>[Note: Administered Component is itself optional in many cases, so this is only a partial solution.]</i>		Issue 037 restates problem 2 in the context of the 1999-08-31 metamodel. See further discussion under Issue 037.	1-Open
31	Issue 017 Canada	Issue 018 Issue 028 Issue 066	1-Major Technical	WD 11179-3 (1999-05-05) SC32 N0267	Inter-operability To examine the applicability of "inter-operability" to each component of the metamodel.		Detailed proposal required.	1-Open
32	Issue 018 Canada	Issue 017.	1-Major Technical	WD 11179-3 (1999-05-05) 32 N 0267 MAT 013	Cultural Adaptability Examine the applicability of "cultural adaptability" to each component of the model, for example in the specification of names and definitions which are language-dependent.		Detailed proposal required.	1-Open
33	Issue 019 Canada, France	Issue 001 Issue 031	1-Major Technical	WD 11179-3 (1999-05-05) MAT 013	Supporting various levels of granularity of data	WD 11179-3 (1999-05-05)	The standard already supports this.	3-Resolved
34	Issue 020 Canada		3-Major Editorial	WD 11179-3 (1999-05-05)	Informative Annexes / Content Technical Report Canada supports the use of the UML model in the normative text, and inclusion of the Chen-based model to an Annex if desired. The Canadian raises the broader issue of how to handle the multiplicity of annexes that are candidates for inclusion in the standard.	CD 11179-3 (SC32 N0490)	CD 11179-3 (32N0490) contains the Annexes agreed to be kept.	3-Resolved
35	Issue 021 Canada	Issue 030 Issue 057	2-Minor Technical	WD 11179-3 (1999-05-05)	Name-context relationships Solution Clarify the textual description of the context of a name to match the representation in the metamodel.		The 1999-12-13 WD has deleted the parts of clause 5 that contained the text that needed clarification.	2-Draft Resolution
36	Issue 022	Issue 001	5-Future	WD 11179-3	Applying rules to data element concepts		<i>US - proposes - Defer for further investigation. The</i>	1-Open

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	Canada	Issue 027 Issue 035 Issue 080	Topic	(1999-05-05) CAN 32C0044R2	Solution Provide support for derivation at the data element concept, similar to that provided by Issue 01 for data elements.		current model addresses rules for data elements 19991208	
37	Issue 023 Canada	Issue 003 Issue 039 Issue 050 Issue 057 Issue 058	1-Major Technical	WD 11179-3 (1999-05-05) CAN 32C0048R3	Canadian response to Issue 003. Solution 1. Rename “Classified Component” to “Administered Component”. 2. Make the relationship with Classification Scheme optional in both directions.	Issue 039, Issue 050, Issue 058 Metamodel 1999-12-13	Resolved by Issue 039 as modified by issues 050 and 058.	3-Resolved
38	Issue 024 Canada	Issue 006 Issue 009 Issue 016 Issue 023 Issue 032	2-Minor Technical	WD 11179-3 (1999-05-05) CAN 32C0053R2 SC32 N0265 CAN 32C0048R2	Canadian Response to Issue 009-01 Instead of the change proposed by DM09 item 1, in Figure 3 of [2] merge Component_Record with Component_Registration_Authority, since the record is maintained by a Registration Authority about a Component.	Issue 032.	Resolved by issue 032.	3-Resolved
39	Issue 025 Ray Gates Cdn expert	Issue 005 Issue 028	2-Minor Technical	WD 11179-3 (1999-05-05) CAN 32C0054R1	Canadian Response to Issue 005 - Component Identifier Solution 1. We should identify two structured identifiers, as shown in Figure 1 of [3]: Registration Authority Identifier <<Required>> International Code Designator (ICD) <<Required>> Organization Identifier (OI) <<Optional>> Organization Part Identifier (OPI) <<Conditional>> OPI Source (OPIS) Component Identifier <<Required>> Registration Authority Identifier <<Required>> Data Identifier <<Required>> Version 2. These structures should replace the existing	1999-08-31 metamodel.	Accepted.	Resolved

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					Component Identifier in Figure 3 of [2], and the “identifier” of Registration Authority should become “registration authority identifier”.			
40	Issue 026 US & Canada	Issue 061	2-Minor Technical	WD 11179-3 (1999-05-05)	Last change date Add an attribute to the Administration_Record for Last_change_date This would be a conditional attribute linked with the occurrence of a change. Solution	1999-08-31 metamodel.	Accepted.	3-Resolved
41	Issue 027 US & Canada	Issue 001 Issue 022	5-Future Topic	WD 11179-3 (1999-05-05)	A set of guidelines on the use of rules should be developed. Solution		This should be passed to the Content group for their Technical Report. It should not be in the Part 3 revision.	Resolved
42	Issue 028 Ray Gates Cdn expert	Issue 017 Issue 025 Issue 029	2-Minor Technical	WD 11179-3 (1999-05-05)	Provide default values for optional parts of identifiers. Solution		Detailed proposal required.	1-Open
43	Issue 029 Ray Gates Cdn expert		2-Minor Technical	WD 11179-3 (1999-05-05)	Move OPI-source out of registration identifier. Solution Proposal withdrawn after review of ISO 6523.		Withdrawn	3-Resolved
44	Issue 030 Ray Gates Cdn expert	Issue 021 Issue 057	2-Minor Technical	WD 11179-3 (1999-05-05)	Identification and naming of Context. Make “Context” an Administered Component. Solution	Included in 2000-05-12 metamodel	Accepted.	3-Resolved
45	Issue 031 DD Mann US expert	Issue 032 Issue 040 Issue 076	2-Minor Technical	WD 11179-3 (1999-05-05)	Objectified relationship names. Use the same name for the relationship and the object that represents it.	1999-08-31 metamodel.	Accepted. Further changes proposed by Issue 076.	3-Resolved
46	Issue 032 DD Mann US expert	Issue 009-01 Issue 024 Issue 031	2-Minor Technical	WD 11179-3 (1999-05-05)	Revise relationship between Registration Authority and Administered Component.	1999-08-31 metamodel.	Agreed. Included in Current Model 19991213. Corresponding text changes required.	3-Resolved
47	Issue 033 DD Mann US expert	Issue 009-06 Issue 034 Issue 067	2-Minor Technical	WD 11179-3 (1999-05-05)	Removal of value domain character set. Attribute removed in 1999-08-31 through 19991213 metamodels.	Issue 067.	Restore attribute as “Character set encoding” Needs to be re-evaluated in light in issue 067.	2-Draft Resolution

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48	Issue 034 DD Mann US expert	Issue 033	2-Minor Technical	WD 11179-3 (1999-05-05)	Removal of value domain minimum and maximum character quantity.		US believes the maximum should be optional 19991209. Included in Current Model 19991213	2-Draft Resolution
49	Issue 035 DD Mann US expert	Issue 080	2-Minor Technical	WD 11179-3 (1999-05-05)	Addition of a dimensionality attribute to the conceptual domain	1999-08-31 metamodel. Issue 080	Resolved by Issue 080.	2-Draft Resolution
50	Issue 036 DD Mann US expert		2-Minor Technical	WD 11179-3 (1999-05-05)	Add "explanatory comment" as attribute of Administered Component.	1999-08-31 metamodel.	Accepted.	3-Resolved
51	Issue 037 Ray Gates Cdn expert	Issue 016 Issue 039 Issue 084	1-Major Technical	WD 11179-3 (1999-05-05)	Requirement for Administered Component Information. Make "Administered Component Information" <<required>>.			1-Open
52	Issue 038 Ray Gates Cdn expert	Issue 009-2 Issue 009-3 Issue 055	2-Minor Technical	WD 11179-3 (1999-05-05)	Relationship of Data Element Concept to Object Class. Reverse out the changes applied by Issue 009 items 2 and 3.		Rejected.	3-Resolved
53	Issue 039 Ray Gates Cdn expert	Issue 003 Issue 023 Issue 040 Issue 041 Issue 042 Issue 050 Issue 058-1 Issue 058-2	1-Major Technical	1999-08-31 metamodel	Merge Classified Component with Administered Component. This is effectively a restatement of issue 003 in the context of the latest (99/08/31) model.	1999-10-15 metamodel.	Agreed. See also resolution of issue 58 1999-12-09	3-Resolved
54	Issue 040 Ray Gates Cdn expert	Issue 031 Issue 039 Issue 041 Issue 042	2-Minor Technical	1999-08-31 metamodel	Rename "Link" in Classification Region of Meta Model	1999-10-15 metamodel.	Rename to "Classification Scheme Item Relation".	3-Resolved

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		Issue 050						
55	Issue 041 Ray Gates Cdn expert	Issue 039 Issue 040 Issue 042 Issue 050	1-Major Technical	1999-08-31 metamodel	Representation Class as Classification Scheme.		Withdrawn.	3-Resolved
56	Issue 042 Ray Gates Cdn expert	Issue 039 Issue 050 Issue 051 Issue 058-1 Issue 058-2	2-Minor Technical	CD 11179-3	Clause 4.71 refers to “Classified Components” as if they were part of the model, but classification is now just a relationship between a Classification Scheme Item and an Administered Component.		Detailed proposal required.	1-Open
57	Issue 043 Canada	Issue 044 Issue 045 Issue 046 Issue 047 Issue 048 Issue 079	1-Major Technical	1999-08-31 metamodel	Support for multiple languages	Issue 044 Issue 045 Issue 046 Issue 047 Issue 048	Agreed in principle. See issues 044-048 for details. Included in Model 19991209	3-Resolved
58	Issue 044 Canada	Issue 043 Issue 045 Issue 046 Issue 047 Issue 048 Issue 079	2-Minor Technical	1999-08-31 metamodel	Support for multiple documentation languages in registration authority.	1999-10-15 metamodel.	Accepted, with Language encapsulated as a separate object class, incorporating both a language identifier and an optional country identifier.	3-Resolved
59	Issue 045 Canada	Issue 043 Issue 044 Issue 046 Issue 047 Issue 048	2-Minor Technical	1999-08-31 metamodel	Allow multiple languages to be specified for reference documents.	1999-10-15 metamodel.	Accepted, with Language encapsulated as a separate object class, incorporating both a language identifier and an optional country identifier.	3-Resolved

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		Issue 079						
60	Issue 046 Canada	Issue 043 Issue 044 Issue 045 Issue 047 Issue 048 Issue 079	2-Minor Technical	1999-08-31 metamodel	Make Language a property of Definition and Designation, rather than Context.	1999-10-15 metamodel.	Accepted, with Language encapsulated as a separate object class, incorporating both a language identifier and an optional country identifier.	3-Resolved
61	Issue 047 Ray Gates Cdn expert	Issue 043 Issue 044 Issue 045 Issue 046 Issue 048 Issue 079	2-Minor Technical	1999-08-31 metamodel	Use codes from ISO 639-2:1998/T to represent languages.		Accepted, with Language encapsulated as a separate object class, incorporating both a language identifier and an optional country identifier.	3-Resolved
62	Issue 048 Ray Gates Cdn expert	Issue 043 Issue 044 Issue 045 Issue 046 Issue 047 Issue 079	2-Minor Technical	1999-08-31 metamodel	Allow for variations in language use between countries.	1999-10-15 metamodel.	Accepted, with Language encapsulated as a separate object class, incorporating both a language identifier and an optional country identifier.	3-Resolved
63	Issue 049 Ray Gates Cdn expert	Issue 014	1-Major Technical	WD 11179-3 (1999-05-05) 1999-08-31 metamodel SC32 N0267	Applying the metamodel concepts to its own description.		Detailed proposal required.	1-Open
64	Issue 050 Ray Gates Cdn expert	Issue 003 Issue 011 Issue 039	1-Major Technical	1999-08-31 metamodel 11179-2	Reconcile 11179-2 with 11179-3 Classification Region	1999-10-15 metamodel.	Metamodel has been revised to make it more consistent with 11179-2.	3-Resolved

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		Issue 041 Issue 042 Issue 051 Issue 058-1 Issue 058-2						
65	Issue 051 Ray Gates Cdn expert	Issue 011 Issue 050 Issue 052	1-Major Technical	11179-2 WD 11179-3 (1999-05-05)	Merge 11179-2 into 11179-3		Retain part 2 and expand its content.	3-Resolved
66	Issue 052 Ray Gates Cdn expert	Issue 011 Issue 051	1-Major Technical	11179-1 WD 11179-3 (1999-05-05)	Merge 11179-3 into 11179-1		Move overview material from part 3 to part 1 and retain separate parts.	3-Resolved
67	Issue 053 US		1-Major Technical	brought forward from X3.285 issue list (issue 36).	Support for Application Level Attributes		This is an area that should be dealt with by individual registries in their particular business environment. 1999-12-09	3-Resolved
68	Issue 054 Ray Gates Cdn expert	Issue 001	2-Minor Technical	1999-08-31 metamodel	Cardinality of relationship "Data Element contained in Input Set". Change the cardinality of the relationship "Data Element Contained In Input Set" from "0..1" to "0..*".	1999-10-15 metamodel.	Agreed. Included in model 19991015 1999-12-13 metamodel renames "Input Set" to "Source Data Element".	3-Resolved
69	Issue 055 Ray Gates Cdn expert	Issue 009-2 Issue 009-3 Issue 038	1-Major Technical	1999-08-31 metamodel	Interpretation of encapsulation in UML syntax.		UML reference from OMG were provides to support the interpretation 19991209	3-Resolved
70	Issue 056 DD Mann US expert	Issue 007 Issue 008	2-Minor Technical	1999-10-15 metamodel	Relationship between Data Element Concept and Conceptual Domain - Role and Name.		Work on issue 008 on proposed terms and definitions revision has defined this as "data element concept conceptual domain relationship"	3-Resolved
71	Issue 057 Ray Gates Cdn expert	Issue 021 Issue 030	2-Minor Technical	1999-10-15 metamodel & WD 11179-3 (1999-10-04)	Is "context" modeled correctly?		This may require additional investigation. 19991209. Ray to propose new text to describe what is actually supported today.	1-Open

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72	Issue 058-1 DD Mann US expert	Issue 039 Issue 042 Issue 050 Issue 059	2-Minor Technical	1999-10-15 metamodel	To correct the cardinality and roles between Classified_Component and Classification_Scheme_Item in the model from 1999-10-15 on page 4.	Included in 1999-12-13 metamodel	Drop Classified Component and replace with a relationship. Use classifying and classified by with the Relationship name of Classification. 19991209	3-Resolved
73	Issue 058-2 DD Mann US expert	Issue 039 Issue 042 Issue 050	2-Minor Technical	1999-10-15 metamodel	To change the definition and thus the role of Classified Component Solution Classified Component is defined in clause 3 of CD 11179-3 as: "An administered component classified in one or more classification schemes."		Accepted.	2-Draft Resolution
74	Issue 059 DD Mann US expert	Issue 007 Issue 058-1	2-Minor Technical	1999-10-15 metamodel	Improvement of Relationship Role Labels	Included in 1999-12-13 metamodel	See resolution of Issue 058-1.	3-Resolved
75	Issue 060 DD Mann US expert		2-Minor Technical	1999-10-15 metamodel	Naming of Attributes based on Encapsulated Data types	Included in CD 11179-3 with one exception.	Accepted.	2-Draft Resolution
76	Issue 061 Dan Gillman, U.S. expert	Issue 026 Issue 078	1-Major Technical	1999-10-15 metamodel	Generalizing support for Time Frames	2000-05-12 metamodel	Attributes implemented in 2000-04-13 metamodel. Definitions of terms proposed by Issue 078, are implemented in 2000-05-12 metamodel.	2-Draft Resolution
77	Issue 062 Ray Gates Cdn. expert		1-Major Technical	1999-12-13 WD 11179-3	Clarifying the level and role of the metamodel.		Agreed in principle.	2-Draft Resolution
78	Issue 063 Ray Gates Cdn. expert		2-Minor Technical	1999-12-13 metamodel WG2 N219	Refining relationship names in the metamodel	2000-03-15 metamodel	Agreed with changes.	2-Draft Resolution
79	Issue 064 Ray Gates Cdn. expert	Issue 001 Issue 054	2-Minor Technical	1999-12-13 metamodel	Data Element Derivation	2000-04-13 metamodel	Agreed with a minor change.	2-Draft Resolution
80	Issue 065		1-Major	1999-12-13	Refining Enumerated Domains	2000-04-13	Agreed, with some changes to names of classes and	2-Draft

SEQ #	Cmnt ID	Related Issues	Severity	Reference	Title / Description	Addressed By	Resolution	Status
	DD Mann US expert		Technical	metamodel		metamodel	relationships.	Resolution
81	Issue 066 Ray Gates Cdn. expert	Issue 017	1-Major Technical	1999-12-13 WD 11179-3	Impact of metamodel extensions on data sharing and access			1-Open
82	Issue 067 Ray Gates Cdn. expert	Issue 009-6 Issue 033	5-Future Topic	1999-12-13 metamodel	Use of character collections and encoding schemes for Value Domains		US suggests defer to future version of the standard.	1-Open
83	Issue 068 DD Mann US expert		2-Minor Technical	2000-04-13 metamodel	Qualifying attribute names in the metamodel	2000-05-12 metamodel	Accepted with changes.	3-Resolved
84	Issue 069 DD Mann US expert		5-Future Topic	2000-04-13 metamodel	Evolving the model through experience	CD 11179-3	An informative Annex (Annex F) has been added to relate the old part 3 terms to the new metamodel.	2-Draft Resolution
85	Issue 070 DD Mann US expert		2-Minor Technical	2000-04-13 metamodel	Recursive Conceptual Domain Relationship	2000-05-12 metamodel	Accepted, with changes. The recursive relationships for Data Element Concept, Conceptual Domain, and Value Domain should be the same.	3-Resolved
86	Issue 071 DD Mann US expert		2-Minor Technical	2000-04-13 metamodel	Refining Attribute Names for Consistency	2000-05-12 metamodel	Accepted, with changes.	3-Resolved
87	Issue 072 DD Mann US expert		2-Minor Technical	2000-04-13 metamodel	Add attribute "Title" to Reference Document	2000-05-12 metamodel	Accepted, with changes.	3-Resolved
88	Issue 073 DD Mann US expert		2-Minor Technical	2000-04-13 metamodel	Changing Organization Identifier to Name	2000-05-12 metamodel	Accepted, with changes.	3-Resolved
89	Issue 074		2-Minor	2000-04-13	Remove "Name" Attribute from Valud Domain	2000-05-12	Keep "Value Domain Name" and add "optional	2-Draft

SEQ #	Cmnt ID	Related Issues	Severity	Reference	Title / Description	Addressed By	Resolution	Status
	DD Mann US expert		Technical	metamodel		metamodel	"Value Domain Identifier". CD 11179-3 (SC32 N0490) implements the original proposal, <u>not</u> the agreed resolution. Ballot comments required to ensure implementation of agreed resolution.	Resolution
90	Issue 075 DD Mann US expert		2-Minor Technical	2000-04-13 metamodel	Further revision of attribute names for uniqueness	2000-05-12 metamodel	Accepted, with changes.	3-Resolved
91	Issue 076 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Reviewing the use of Objectified Relationships			1-Open
92	Issue 077 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Refining attribute names for consistency	2000-05-12 metamodel	Accepted.	3-Resolved
93	Issue 078-01 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Redefining definitions of terms - Provide definition for Administered Component - effective date	2000-05-12 metamodel	Accepted.	3-Resolved
94	Issue 078-02 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Redefining definitions of terms - Revise definition for Administered Component - registration status	2000-05-12 metamodel	Accepted.	3-Resolved
95	Issue 078-03 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Redefining definitions of terms - Provide definition for Administered Component - until date	2000-05-12 metamodel	Accepted, with changes.	3-Resolved
96	Issue 078-04 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Redefining definitions of terms - Provide definition for class "Value"	2000-05-12 metamodel	Accepted.	3-Resolved
97	Issue 078-05 Ray Gates		2-Minor Technical	2000-04-13 metamodel	Redefining definitions of terms - Provide definition for relationship "permissible value set"	2000-05-12 metamodel	Accepted.	3-Resolved

SEQ #	Cmnt ID	Related Issues	Severity	Reference	Title / Description	Addressed By	Resolution	Status
	Cdn expert							
98	Issue 078-06 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Redefining definitions of terms - Provide definition for relationship "permitted value"	2000-05-12 metamodel	Accepted.	3-Resolved
99	Issue 079-01 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Refining the representation of Language in the model - Rename class "Language" to "Language Identifier".	2000-05-12 metamodel	Rejected. Agreed to keep as is i.e. "Language". Need to define as Natural or Special language and not as programming language. Recommend use of "ISO 639-2T". Text changes need to be specified.	2-Draft Resolution
100	Issue 079-02 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Refining the representation of Language in the model - Revise definition for class "Language Identifier" to reflect new name and scope.	2000-05-12 metamodel	Rejected. See 079-01.	2-Draft Resolution
101	Issue 079-03 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Refining the representation of Language in the model - Include "Language" as a Term with the old definition.	2000-05-12 metamodel	Rejected. See 079-01.	2-Draft Resolution
102	Issue 079-04 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Refining the representation of Language in the model - Refine the attributes for class "Language Identifier"	2000-05-12 metamodel	Rejected. See 079-01.	2-Draft Resolution
103	Issue 079-05 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Refining the representation of Language in the model - Refine the names and definitions of attributes that use Language as an attribute capsule.	2000-05-12 metamodel	Rejected. See 079-01.	2-Draft Resolution
104	Issue 080 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Dimensionality and Unit of Measure	2000-05-12 metamodel		1-Open
105	Issue 081 Ray Gates Cdn expert		2-Minor Technical	2000-04-13 metamodel	Remove inappropriate aggregation symbols	2000-05-12 metamodel		1-Open
106	Issue 082 Ray Gates		2-Minor Technical	2000-05-14 metamodel	Administered Component attribute capsule names	CD 11179-3 (SC32 N490)	SC32 N0487 simply indicates Issue 82 was accepted, without distinguishing between proposals 1 and 2.	2-Draft Resolution

SEQ #	Cmnt ID	Related Issues	Severity	Reference	Title / Description	Addressed By	Resolution	Status
	Cdn expert						Only proposal 1 has been implemented.	
107	Issue 083 J. Newton US expert		2-Minor Technical	CD 11179-3	Items in Content TR that are not in the Metamodel		Withdrawn. Resolved in MDRCC TR.	3-Resolved
108	Issue 084 D. Mann US expert	Issue 016 Issue 037	1-Major Technical	CD 11179-3	Consistency in use of Identifiers, Names, Versions			1-Open
109	Issue 085 D. Mann US expert		2-Minor Technical	CD 11179-3	Contact name			1-Open
110	Issue 086 Ray Gates Cdn expert	Issue 010-2 Issue 087	3-Major Editorial	CD 11179-3	Consistency between diagrams and text			1-Open
111	Issue 087 Ray Gates Cdn expert	Issue 010-2 Issue 086	1-Major Technical	CD 11179-3	Terminology: Data element, Administered Component et al Ballot comments requested.			1-Open