## Submitter
| BALLOT TITLE: | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | HL7 Version 3 Domain Analysis Model: Specimen, Release 2 (PI ID: 1292) (1st Informative Ballot) - V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY |
| --- | --- | --- | --- | --- | --- |
| BALLOT TRACKER: | NaN | NaN | NaN | NaN | http://gforge.hl7.org/gf/project/fhir/tracker/?action=TrackerItemBrowse&tracker\_id=677 |
| BALLOT CYCLE: | NaN | NaN | NaN | NaN | May 2017 |
| SUBMITTED BY NAME: | NaN | NaN | NaN | NaN | NaN |
| SUBMITTED BY EMAIL: | NaN | NaN | NaN | NaN | NaN |
| SUBMITTED BY PHONE: | NaN | NaN | NaN | NaN | NaN |
| SUBMITTED BY ORGANIZATION\n(if applicable): | NaN | NaN | NaN | NaN | NaN |
| SUBMISSION DATE: | NaN | NaN | NaN | NaN | NaN |
| SUBMITTED BY IDENTIFIER: | NaN | NaN | NaN | NaN | NaN |
| OVERALL BALLOT VOTE: | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN |
| High-level Instructions | NaN | NaN | NaN | NaN | NaN |
| - Please only complete the columns in the Ballot Submission section (purple columns) on the "Ballot" tab\n- If specifying an existing tracker item, only the "Vote and Type" column needs to be specified.\n- Otherwise, please populate all "bold" columns. (See the instructions tab if you're not sure how to fill in.)\n- Also, please populate the columns carefully (e.g. ensure section numbers actually contain section number, not page numbers or something else), as this makes triage much easier. | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN |
| Next Steps: | NaN | Read Instructions | NaN | NaN | Enter Ballot Comments (Line Items) |
| 0 | NaN | NaN | NaN | NaN | NaN |

## Ballot
| Unnamed: 0 | Ballot Submission | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 | Unnamed: 11 | Unnamed: 12 | Unnamed: 13 | Unnamed: 14 | Unnamed: 15 | Unnamed: 16 | Unnamed: 17 | Unnamed: 18 | Triage & Committee Resolution | Unnamed: 20 | Unnamed: 21 | Unnamed: 22 | Unnamed: 23 | Unnamed: 24 | Unnamed: 25 | Unnamed: 26 | Unnamed: 27 | Unnamed: 28 | Unnamed: 29 | Unnamed: 30 | Unnamed: 31 | Unnamed: 32 | Unnamed: 33 | Unnamed: 34 | Unnamed: 35 | Ballot Comment Tracking | Unnamed: 37 | Unnamed: 38 | Unnamed: 39 | Unnamed: 40 | Unnamed: 41 | Unnamed: 42 | Unnamed: 43 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Comment \nNumber | Ballot | Chapter | Section | Page # | Line # | Artifact ID | Resource(s) | HTML Page name(s) | URL | Vote and Type | Done | Sub-category | Tracker # | Existing Wording | Proposed Wording | Ballot Comment | Summary | In person resolution requested | Comment grouping | Schedule | Triage Note | Pubs | Disposition WG | Disposition | Disposition Comment\nor\nRetract/Withdraw details | Disposition/Retract/ Withdrawal Date | Mover / seconder | For | Against | Abstain | Retracted / Withdrawn | Disposition External Organization | Responsible Person | Change Applied | Substantive Change | Submitted By | Organization | On behalf of | Commenter Email | Submitter Tracking ID | Referred To | Received From | Notes |
| 32 | OO | 1 | 1.02 | 9 | NaN | NaN | NaN | NaN | NaN | A-C | NaN | NaN | NaN | Specimen expiration date | REMOVE HERE - has been added to Speicmne class | Specmen Received date - is related to the association with the laboratory that is processing / testing the specimen.\n\nI have no idea where to include that in the DAM but did not want to loose these thoughts | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/21/2017: Find persuasive - Remove SpecimenExpirationDate from open issues\n\nProposed: Specimen Received date is the end date/time of the SpecimenMoveActivity.dateTime, where the movedToEntity is the testing lab - will need to add a note in the table for this attribute to make that clarification. | 2017-06-21 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 1 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 38 | OO | 2 | 2.01 | NaN | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | Figure 1 | NaN | add legend for the symbols | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | same as #70 | 2017-06-21 00:00:00 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 39 | OO | 2 | 2.04.01 | 14 | NaN | NaN | NaN | NaN | NaN | A-C | 1 | NaN | NaN | This spectrum continues to expand frustrating efforts to harmonize data elements for both the data generator and the data consumer. | NaN | delete sentence - is commentary | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/21/2017: Motion to find persuasive | 2017-06-21 00:00:00 | Kathy Walsh / JD Nolen | 5 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 40 | OO | 2 | 2.04.01 | 16 | NaN | NaN | NaN | NaN | NaN | NaN | 1 | NaN | NaN | Sample Locatiion\nunder 3.iii.\n (or would this be the sample subject?) | NaN | discussif this is the correct spot and leave here or moce, but delete this sentence | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/21/2017: Delete " (or would this be the sample subject?)" as this seems to be the correct spot | 2017-06-21 00:00:00 | JD Nolen / Kathy Walsh | 5 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 41 | OO | 2 | 2.08.01 | 22 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | Integrating the Healthcaare Enterprise (IHE) | Integrating the Healthcaare Enterprise (IHE) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 42 | OO | 2 | 2.08.05 | 23 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | SET describes tow basic actors: | SET describes twow basic actors: | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 43 | OO | 2 | 2.08.06 | 23 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | SET describes a very detailed set of use case scenarios for each of the above listed categories That would be too long to include here. | SET describes a very detailed set of use case scenarios for each of the above listed categories; that would be too long to include here. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 69 | OO | 2 | 2.1.1, 2.2.1 | 10, 12 | NaN | DA | NaN | NaN | NaN | A-S | 1 | NaN | NaN | Use of "parent" and "child" to address relationship between specimens in 2.1.1 but in 2.2.1 the term "derivatives" is used. Are these the same? If so can a consistent term be used and if not then perhaps a glossary is needed. | "partent" and "child" are terms that my SMEs say they are familiar with. Please consider adding a glossary. | Please ensure consistency and clarity of terms within the document both generally and specifically regarding associated specimens (e.g., "parent" / "child") | Ensure consistent terms within document. | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/14/2017: Group agreed to be more consistent but not add a glossary | 2017-06-14 00:00:00 | Kathy/Jose | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | William Friggle | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 70 | OO | 2 | 2.1.3 | 11 | NaN | DA | NaN | NaN | NaN | A-S | 1 | NaN | NaN | diagram with numerous unexplained symbols | legend explaining symbols | please add some additional explanaton of the diagram and specifically a legend explaining the symbols. | clarify or simplify the diagram | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/14/2017: Group agreed to add in legend for symbols in diagram | 2017-06-14 00:00:00 | Kathy/Andrea | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | William Friggle | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 71 | OO | 2 | 2.4.1 | 15 | NaN | DA | NaN | NaN | NaN | A-T | 1 | NaN | NaN | Some of the elements included in the DAM can also be used to address chain of custody requirements (#7). | Some of the elements included in the DAM can also be used to address chain of custody requirements (#6). | appears that the parenthetical value is supposed to be "6" to align with the associated text. | typo | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | William Friggle | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 33 | OO | 2 | NaN | 10 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | http://wiki.hl7.org/images/9/99/Specimen-Core\_Model\_Diagram\_and\_Medical\_Research\_Use\_Case\_Process\_Flow.xls | NaN | While this is the original data flow diagram we used, we did update it after the first ballot round - delete the link\ncould keep this as a foot note / reference document link | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 34 | OO | 2 | NaN | 10 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | http://wiki.hl7.org/index.php?title=Use\_Cases\_to\_Consider\_in\_Specimen\_CMET\_-\_from\_CG\_ClinSeq.doc | NaN | This links to the wiki page - we used the text almost verbatim - delete link | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 35 | OO | 2 | NaN | 10 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | http://wiki.hl7.org/index.php?title=Specimen\_Use\_Case\_for\_Isolate\_Representation | NaN | This links to the wiki page - we used the text almost verbatim - delete link | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 36 | OO | 2 | NaN | 10 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | http://wiki.hl7.org/index.php?title=Specimen\_Use\_Case\_for\_Environmental\_Specimen | NaN | This links to the wiki page - we used the text almost verbatim - delete link | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 37 | OO | 2 | NaN | 10 | NaN | NaN | NaN | NaN | NaN | A-C | 1 | NaN | NaN | NaN | NaN | Missing the biobanking and the specimen event tracking use cases here = add | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/21/2017: Find persuasive | 2017-06-21 00:00:00 | Kathy Walsh / JD Nolen | 5 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 21 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The SpecimenMoveActivity class in the diagram does not have the same set of attributes and relationships as described in section 5.13 Specimen Move Activity. These need to be properly aligned. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 5/10/2017: Motion to add line from Specimen to specimenMoveActivity as 0..1 - and then adjust the text to match the diagram. | 2017-05-10 00:00:00 | Riki Merrick / Hans Buitendijk | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 22 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The Location class in the diagram is missing the geographicLocation attribute that is listed in section 5.3 Location. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 5/17/2017: Motion to add attribute to the diagram and add the definition in the table section of the document | 2017-05-17 00:00:00 | Rob Hausam / Andrea Pitkus | 6 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 23 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The Performer class in the diagram is missing the associatedOrganizationName and associatedOrganizationIdentifier attribute that are listed in section 5.6 Performer. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 5/17/2017: those two attributes are missing - do we need name for performer? What are the rules for that - since we included machine, decided not to support name; assume name can be looked up via table from ID outside of model - regulatory requirements to identify the performer(ID should be ok for that)\nNeed to broaden the definition of performer to include "process and move"\nMotion to add the two missing attributes associatedOrganizationName and associatedOrganizationIdentifier to the diagram, expand the definition of performer to include "process and move" | 2017-05-17 00:00:00 | JD Nolen / Rob Hausam | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 24 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The diagram does not include the Product class that is listed in section 5.8 Product. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | persuasive | 5/17/2017: Motion to find persuasive | 2017-05-17 00:00:00 | Rob Hausam / Andrea Pitkus | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 25 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The Specimen class in the diagram does not have exactly the same attribute set as described in section 5.9 Specimen. These need to be properly aligned. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/17/2017: RelatedOrderIdentifer is missing in diagram\nmismatch in datatype for Container number and Specimen Group count - should be INT not quantity\nMotion to update diagram with relatedOrderIdentifier AND update table datatypes from Quantity to INT | 2017-05-17 00:00:00 | Rob Hausam / Ron Van Duyne | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 26 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The SpecimenProcessingActivity class in the diagram does not have the same set of attributes and relationships as described in section 5.14 Specimen Processing Activity. These need to be properly aligned. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 5/17/2017: Motion to\nAdd to diagram as per table:\nID, processingReasonCode, comment, ReferencedProtocolName, ReferencedProtocolID, ReferencedProtocolDeviationType, ReferencedProtocolDeviationReasonCode, ReferencedProtocolDeviationComment\nRemove duplicate ProcessingProcedureCode in Table\nAdjust cardinality in both for:\ndescription to 0..1\nprocessingAdditives 0..\*\ntemperature 0..1 | 2017-05-17 00:00:00 | Rob Hausam / Andrea Pitkus | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 27 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The Storage Equipment class in the diagram is missing the storageEquipmentIdentifier attribute that is listed in section 5.15 Storage Equipment. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/17/2017: Motion to find persuasive\nALSO add found item about handling Location vs geographicLocation as attribute - see #991 | 2017-05-17 00:00:00 | Kathy Walsh / JD Nolen | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 28 | OO | 3 | 3 Information Model | 24\n\nFigure 4: Specimen Domain Model | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | Additional mis-alignments and missing attributes in the diagram compared to the Chapter 5 Class Attriburte Definitions need to be corrected.\n | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/14/2017: May be do homework to prep this - Rob H will build a list - see also #66 for comment on misaligned cardinalities - handled together\n8/16/2017: Motion to approve the changes as described in the document named "SpecimenDAM\_May2017BallotComment#28\_#66" | 2017-08-16 00:00:00 | Lorraine Constable / JD Nolen | 3 | 0 | 1 | NaN | NaN | Rob Hausam | NaN | NaN | Robert Hausam | Hausam Consulting LLC | NaN | NaN | NaN | NaN | NaN | NaN |
| 15 | OO | 3 | Figure 4 | 24 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | NaN | NaN | RelatedOrderIdentifier on Specimen class description but not Specimen Domain Model diagram | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | h buitendijk | US Department of Veterans Affairs | NaN | NaN | NaN | NaN | NaN | NaN |
| 16 | OO | 3 | Figure 4 | 24 | NaN | NaN | NaN | NaN | NaN | A-Q | 1 | NaN | NaN | NaN | NaN | SpecimenIdentifier as its own class on the Specimen Domain Model diagram but in the class description it seems it should be Identifier? | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/14/2017: Group agreed to remove the specimen identifier class | 2017-06-14 00:00:00 | Kathy/Jose | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | h buitendijk | US Department of Veterans Affairs | NaN | NaN | NaN | NaN | NaN | NaN |
| 44 | OO | 4 | 4.02 | 25 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | This is used for the Subject Characteristics at Specimen Collection class, as the questions that may need to be asked required answers of different types. | This is used for the Subject Characteristics at Specimen Collection class, as the questions that may need to be asked may required answers of different types. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 45 | OO | 4 | 4.06 | 26 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The definitions of the attributes don’t match the definition of the data type:\ncoordinates tells you where something is, the defintions here tell you how many of one thing can fill up each of the attributes | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 2017-06-07: Follow up with submitter to better understand the issue - we could not find where coordinates refers to number of things to fill up (that is capacity attribute)\nHomework: the definition of coordinates is: a group of numbers indicating position; BUT the attribute horizontal dimension is defined as the maximum amount that can be contained - that is NOT the same as the position of a thing. Change attribute definition for horizontal and add for vertical y and vertical z: The point on the horizontal dimension of the defined object?\n\n7/12/2017: Motion to find persuasive with mod - change definition for horizontal dimension to: "The point on the horizontal dimension (width) of the defined object." Change the name horizontal dimension (x) to "width (x)", change the name vertical dimension (y) to "depth (y)", change the name vertical dimension (z) to "height (z)" and make similar definitions for depth (y) and height (z). | 2017-07-12 00:00:00 | Kathy Walsh / JD Nolen | 5 | 0 | 0 | NaN | NaN | Riki Merrick | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 46 | OO | 4 | 4.06 | 26 | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | NaN | Vertical dimension (y): The maximum amount that can be contained, in the dimension perpendicular in the same plane as the horizontal dimension of size of the defined object\nVertical dimension (z): The maximum amount that can be contained, in the dimension perpendicular to the plane of the horizontal dimension of size of the defined object | add missing definitions | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/21/2017: Motion to find persuasive | 2017-06-21 00:00:00 | Kathy Walsh / JD Nolen | 5 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 47 | OO | 4 | 4.08 | 26 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | The rate at which is repeated over a particular period of time or in a given sample. | The rate at which something is repeated over a particular period of time or in a given sample. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 67 | OO | 4 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | remove any data types that are not used - example SET | NaN | NaN | BLOCK#1 | NaN | NaN | NaN | NaN | Persuasive | 2017-06-07: Proposed Motion: Find persuasive - need to do last | 2017-06-07 00:00:00 | J D Nolen / Raj Dash | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 30 | ARB | 4.11 | NaN | 28 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | Number DEFINITION: A sequence of digits. | Use positive integer and reserve (define) number to reflect research values. | The use case 2.1 is for medical research. As such, a number could be real, imaginary, complex, integer, rational, fixed point, … | NaN | NaN | BLOCK#1 | NaN | NaN | NaN | NaN | Persuasive with mod | 2017-06-07: Proposed Motion: This is a datatype used in 2 other datatypes: Coordinates and Quantity - Find persuasive with mod: change the name of the datatype from Number to Numeric and change the definition to "A real number (mathematical)."\n(and fix typos of coordinates, where found) | 2017-06-07 00:00:00 | J D Nolen / Raj Dash | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Russell Davis | DoD/DHA/HIT/IATDD | NaN | NaN | NaN | NaN | NaN | NaN |
| 48 | OO | 5 | 5.02 | 30 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | Description of the physical measures which describes the physical parameters or space occupied the measure or the amount which it may contain. | Description of the physical measures which describes the physical parameters or space occupied the measure or the amount which it may contain. | not sure what the red part is trying to convey = not a good sentence - re-word! | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 49 | OO | 5 | 5.03 | 31 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | Missing class defintion and relationships - since there is ONLY one attribute in this class, should it be named geographic location instead? - like the datatype and be an attribute in the respective classes it is currently linked to, i.e storage equipment\nI wonder if it should also be added to subject (for material the location is important | NaN | NaN | BLOCK#1 | NaN | NaN | NaN | NaN | Persuasive with mod | 2017-06-07: Proposed motion: Find persuasive with mod - remove the class of location, because we already have geographic location in both Storage Equipment and Subject as attributes | 2017-06-07 00:00:00 | J D Nolen / Raj Dash | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 50 | OO | 5 | 5.08 | 33 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | Product attribute:\nName or typeCode | NaN | this should be 2 rows as they use differeint datatypes - can indicate that either one or the other is required some way, but describe separately | NaN | NaN | BLOCK#1 | NaN | NaN | NaN | NaN | Persuasive with mod | 2017-06-07: Proposed Motion: Find persuasive with mod: split into 2 rows (they actually don’t seem to be the same thing) - also assign datatype and cardinality for name use ST and 1..1, for typeCode use code and 0..1 | 2017-06-07 00:00:00 | J D Nolen / Raj Dash | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 51 | OO | 5 | 5.09 | 34 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | Specimen results from zero to many move activity. | NaN | not sure how that is done = UNLESS this is referrign to adding another identifier for examle after a move from one lab to another or into biobank for storage? Would be benficial to add an explanation into the Notes section for this one | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 6/21/2017: Since move can be inside an organization or outside and since the receiver of the specimen can assign a new ID, this statement is correct - Add under SpeicmenIdentifier Notes section: A new specimen may result from a specimenMoveActivity, when a receiver assigns a new specimenIdentifier - other attributes of the specimen may not change because of the moveActivity | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 52 | OO | 5 | 5.09 | 35 | NaN | NaN | NaN | NaN | NaN | A-Q | 1 | NaN | NaN | isDerived\n… Conformance Statement | NaN | should this be highlighted more, or moved outside the table? | NaN | NaN | NaN | NaN | Block#2 | NaN | NaN | Persuasive | 6/28/2017: Proposed motion:\nMake its own paragraph and also add to specimen.parentIdentifier comment: "Conformance Statement: This element MUST be filled out, if the "specimen.isderived" flag is checked."\n8/2/2017: Motion to approve block vote #2 | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 53 | OO | 5 | 5.10 | 39 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | EXAMPLE(S): entire, single, segment, many | NaN | remove underline | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 54 | OO | 5 | 5.14 | 45 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | processingAdditive\ncardinality 1..1 | NaN | cardinality should be 0..\* - NOT every processing activity uses additives (example centrifuge) AND some may use more than one! | NaN | NaN | NaN | NaN | Block#2 | NaN | NaN | Persuasive | 6/28/2017: Proposed Motion:\nFind persuasive\n8/2/2017: Motion to approve block vote #2 | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 55 | OO | 5 | 5.14 | 45 | NaN | NaN | NaN | NaN | NaN | A-Q | 1 | NaN | NaN | StatusCode | NaN | Since we have the processingDateTime and it is a range can this be derived fromt hat:\nno start or end date = scheduled?\nOnly start date = in progress?\nStart and end date = completed?\nIf we want to keep it, should we add a note expaining the expected dataTime useage for at least some of the status codes? | NaN | NaN | NaN | NaN | Block#2 | NaN | NaN | Persuasive with mod | 6/28/2017: Proposed motion:\nKeep status code and add "NOTE: The status codes are related to the start and end dateTime in the following manner:\nonly start date/time = in progress\nstart and end date time filled in = completed."\nAND for statusCode: remove "scheduled" from the examples since you MUST have a date/Time for the processing activity\n8/2/2017: Motion to approve block vote #2 | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 56 | OO | 5 | 5.14 | 45 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | temperature\ncardinality 1..1 | NaN | cardinality should be 0..1 - NOT every processing activity is temperature dependent | NaN | NaN | NaN | NaN | Block#2 | NaN | NaN | Persuasive | 6/28/2017: Proposed Motion:\nFind persuasive\n8/2/2017: Motion to approve block vote #2 | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 57 | OO | 5 | 5.14 | 45 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | ProcessingProcedure \nCode 1..1 Coded representation of a step in the procedure | NaN | delete one occurrence - is listed twice | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 58 | OO | 5 | 5.15 | 47 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | geographicalLocation | NaN | is an attribute in the storage Equipment but also a class with a relationship to storage equipment - decide on one or the other - see comment about location class | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 6/28/2017: seems like we did this already - go find the related number = #49 removed the class | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 59 | OO | 5 | 5.15 | 47 | NaN | NaN | NaN | NaN | NaN | A-Q | 1 | NaN | NaN | NaN | NaN | what is the difference between these attributes:\ngeographicalLocation\nlocationNamespace and\nlocation Identitier\nProvider better explanation on how these are epected to be used together\n | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 6/28/2017: seems like we did this already - go find the related number = #49 removed the class | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 60 | OO | 5 | 5.16 | 47 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | Description of the physical measures of volume, the capacity to store a certain amount of a described unit and functionality of the Storage Equipment Component. | Description of the physical measures of volume, the capacity to store a certain amount of a described unit and functionality of the Storage Equipment Component. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 61 | OO | 5 | 5.17 | 48 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | Storage equipment component contains zero to many holder. | NaN | Shold we also add Storage equipment component contains zero to many container? - for example in a blood bag freezer, the blood badg is a container, not a holder? | NaN | NaN | NaN | NaN | Block#2 | NaN | NaN | Persuasive | 6/28/2017: Proposed Motion:\nFind persuasive\n8/2/2017: Motion to approve block vote #2 | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 62 | OO | 5 | 5.17 | 48 | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | Storage equipment component is contained in zero to many storage equipment component. | Storage equipment component is contained in zero to manyone storage equipment component. | NaN | NaN | NaN | NaN | NaN | Block#2 | NaN | NaN | Persuasive | 6/28/2017: Proposed Motion:\nFind persuasive\n8/2/2017: Motion to approve block vote #2 | 2017-08-02 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 63 | OO | 5 | 5.17 | 48 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | Storage Equipment Component attribute\ngeographicLocation | NaN | should this be removed or replaced with a different attribute - the datatype suggests it is something like an address / GIS, while for a storage equipment compoent a description of left door of the refrigerator would make more sense?\nAlso the description makes this look like it was a copy paste from teh storage equipment? | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 6/28/2017: seems like we did this already - go find the related number = #49 removed the class | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 64 | OO | 5 | 5.18 | 48 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | storageEquipmentComponentParameter\nadjustableIndicator\nEXAMPLE(S): movable shelves, configurable location for drawers in the storage equipment . | NaN | delete space before the period | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 65 | OO | 5 | 5.19 | 49 | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | Subject can be zero to one non-human living subject. | NaN | Need to check with veterninarians how they would describe a herd - this might need to get updated to zero to many non-human living subject | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Not persuasive | 6/28/2017: Riki to email Mike Martin, Jeff Wilcke and Jim Case and get their input - email sent 7/8/2017\n7/10/2017: response from Mike Martin: \nThere are two scenarios that apply.\n \n1. A number of specimens are taken from members of a herd or flock and pooled for testing. In that case each individual is a Subject but that would be dealt with via parent specimens – pooled specimen relationships.\n2. A number of samples are taken from anonymous members of a herd (flock usually) and pooled “in the field.” The way we have dealt with that is to treat the flock as if it was “THE subject.” That includes using flock identifiers as “patient identifiers” and so on. The one issue that comes up is annotating somewhere the number of individuals in the pool (important statistically).\n \nFor #1, if you address pooling from parent specimens, there shouldn’t be an issue. For #2 the question would be whether treating a herd as a single subject is really right or a kluge that should be fixed. The key facts for us would be the size of the herd (somehow incorporated into non-human living subject) and number in the sample (which would I guess have to be in the Specimen somewhere).\n \nI’m so used to the “herd as subject” view that I guess I would like to see herd size as an attribute of non-human living subject and number of individuals represented in sample in Specimen. But that might drive most folks crazy.\n\n7/12/2017: Motion to find not persuasive - verified per email above; we can with the existing elements in DAM cover the scenarios described above - for the purpose of the DAM a non-human living subject could be a herd - as that is treated as 1 in the herd sampling case, where individuals are not captured. allowing for a count of individuals included in the pool using Specimen.SpecimenGroupCount in the DAM. | 2017-07-12 00:00:00 | Kathy Walsh / Mike Martin | 5 | 0 | 0 | NaN | NaN | Riki Merrick | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 17 | OO | 5 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | Many of the Code attributes are missing the corresponding CodeSystems? | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Not persuasive | 6/14/2017: Group agreed that code systems are not part of the DAM, and code systems belong in the IG. | 2017-06-14 00:00:00 | Kathy/Ron | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | h buitendijk | US Department of Veterans Affairs | NaN | NaN | NaN | NaN | NaN | NaN |
| 29 | ARB | 2.4.1 | NaN | 15 | NaN | NaN | NaN | NaN | NaN | A-C | 1 | NaN | NaN | Sample collection information | A minimum set of defined information is contained in the <to be determined> | There is too much subjectivity and a very limited set of examples. Suggest a set of defined data types be codified to reduce ambiguity. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Not persuasive | 6/14/2017: Group agreed that code systems are not part of the DAM, and code systems belong in the IG. | 2017-06-14 00:00:00 | Jose/Kathy | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Russell Davis | DoD/DHA/HIT/IATDD | NaN | NaN | NaN | NaN | NaN | NaN |
| 72 | OO | 3,4 | NaN | 25-30 | NaN | DA | NaN | NaN | NaN | A-S | 1 | NaN | NaN | "The attributes in the above model use the following conceptual datatypes:" followed by a diagram and then section 4 which appears to describe the conceptual datatypes. | "The attributes in the above model use the following conceptual datatypes:" [followed by an alphabetical list]\n- Address\n- Any\n- Boolean \n- … \n- TimeQuntity\nSee appendix A for more information, including a description, of the conceptual datatypes. | move the majority of the content regarding the conceptual data types including the diagram and chapter 4 into an appendix to keep the DAM and its Class Attribute Definitions next to each other. | keep the DAM (Figure 4) and the assocated descriptions together. | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/21/2017: Motion to find persuasive | 2017-06-21 00:00:00 | Kathy Walsh / JD Nolen | 5 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | William Friggle | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 18 | OO | 3,5 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | The "missed collection" info resides on the SpecimenCollectionProcedure but the RelatedOrderIdentifier is on the Specimen. If the collection was missed, is there a way to track that back to the related order? Always create a Specimen to make the link, even if it might be empty? | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Not persuasive with mod | 6/21/2017: Misaligned diagram vs tables - RelatedOrderIdentfiier needs to be added to the diagram\nDiscovered incorrect cardinality for missedReason - should be 0..\*\nCurrently the relationship from CollectionProcedure to specimen is 1..\* - so would have a specimen with the relatedOrderID, BUT NOT SURE that systems could handle that\nMotion to removed MissedIndicator and MissedReason and add a note that missed specimen collection comments should be captured as part of the order, which is outside this domain - not persuasive with mod | 2017-06-21 00:00:00 | Kathy Wash / JD Nolen | 5 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | h buitendijk | US Department of Veterans Affairs | NaN | NaN | NaN | NaN | NaN | NaN |
| 19 | OO | 3,5 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | A-Q | NaN | NaN | NaN | NaN | NaN | How to best handle pooled patient DNA specimens (multiple subjects DNA in a single container) where each subject's DNA has a unique 'barcode' strand attached to it. This use case seems to be referenced in the notes of individualGroupedorPooledIndicator and partially specimenGroupCount? Use the parentSpecimens link perhaps? | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 6/21/2017: Review the IHE LAW profile for pooling handling and bring back next week - homework: IHE PaLM TF Vol 2b, Section 2.2.4.17 identifies the use of :SPM-3 = SpecimenParentIDs = Specimen.ParentIdentifier in the DAM\nSPM-11 = "L" = indicator that it is a pooled specimen = Specimen.individualGroupedorPooledIndicator in the DAM\nSPM-13 = the number of specimen in the Pool = Specimen.SpecimenGroupCount in the DAM\n\n7/12/2017: Raj to do more research - seems samples are pooled and then sorted on the data side; actually samples are separate, just run on same plate together - so not a pooling situation - Email from Mike Martin postcall: 7.4.3.13 SPM-13 Grouped Specimen Count (NM) 01763 Definition: This field refers to the number of individual specimens of a particular type represented by this instance of a specimen. The use of this field is restricted to specimens upon which all specimen related attributes are identical. This field would only be valued if the specimen role attribute has the value "G". - Specimen.SpecimenGroupCount is mapped to SPM-13 - check the definition to be sure; the IHE profile uses SPM-13 for pooling, so we may need to revisit there, too! - plan for 9/6/2017\n9/27/2017: Pooling seems to apply to liquid samples, while Grouping seems to appy to solid samples; for both situations you still need to know how many are part of the group, to know if the sampling size was representative - Riki to send email to the OO list to get some more feedback. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Riki Merrick | NaN | NaN | h buitendijk | US Department of Veterans Affairs | NaN | NaN | NaN | NaN | NaN | NaN |
| 20 | OO | 3,5 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | NaN | NaN | Would like guidenace on how to most appropriately link together a Trio genomic study, which proband (child), Mom, and Dad orders/specimens will be analyzed together. Appropriate to link the specimens or perhaps just the orders since the specimens might be for other orders as well. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Not persuasive with mod | 6/21/2017: Riki will forward to Clin Genomic WG and wait for feedback - email sent 7/8/2017\n8/16/2017: JD suggested to Clin Genomics WG that the linkage between the different specimen should occur at the order level and they agreed- Motion to add a sentence explaining that; leave to editor to determine location | 2017-08-16 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | Riki Merrick | NaN | NaN | h buitendijk | US Department of Veterans Affairs | NaN | NaN | NaN | NaN | NaN | NaN |
| 66 | OO | 4 and 5 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | 1 | NaN | NaN | NaN | NaN | ensure that the cardinatlities of the classes and their attributes and relationships match between the model in section 4 and the tables in section 5 and are documented in the tables for each attribute | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/28/2017: Riki to make a list of the discrepancies - related to the other discrepancy item #28 see resolution there | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Rob Hausam | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 68 | OO | all | NaN | NaN | NaN | DA | NaN | NaN | NaN | A-C | NaN | NaN | NaN | inconsistent throughout - at least across the Use Cases using different view points, contexts, diagram methods, etc. | should be "more" integrated and "more" consistent | feeling as you review the document is that the use cases (and perhaps other sections) were simply an assembly of collections and not edited into an integrated whole. | assign editor to review and draft a conherent flow. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 6/21/2017: If commenter wants to help with that, that would be appreciated…- Riki sent email 8/18/2017 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | William Friggle | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 10 | OO | NaN | 5.4 | 31 | NaN | NaN | NaN | NaN | NaN | A-C | 1 | NaN | NaN | Purpose of testing is not to diagnose for its own sake but for the sake of others. | NaN | I don't understand what this means. Please reword | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 6/14/2017: Group agreed to delete the line | 2017-06-14 00:00:00 | Kathy/Jose | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Galen Mulrooney | US Department of Veterans Affairs | Galen Mulrooney | Galen.Mulrooney@JPSys.com | NaN | NaN | NaN | NaN |
| 12 | OO | NaN | 2.4 Environmental Specimen Use Case\n\n2.4.1 Description\n\n2. Sample Subject Information | 16 | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | Sample Subject Information\ni. Type of Object, if applicable (for example the medical device) = coded\nformat\nii. Manufacturer = text format\niii. Model = text format\niv. Lot Number = text format\nv. Service Date (or Prepared Date for food) = date/time format\nvi. Expiration Date = date/time format\nvii. Relationship to Human Sample = ID and assigning authority format\n(or name format?) | NaN | Because the DAM references medical devices, and given Sample Subject Information requirements (Existing Wording attributes), I suggest there may be opportunities to harmonize information requirements with the Domain Analysis Model for UDI currently under development under auspices of O&O. There may be additional attributes related to UDI in addition to those mentioned here may be relevant. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/21/2017: Need to review the UDI DAM documentation and see, if appropriate - also see #14:\nHomework: Comparing what we have to what is here (let me know if this is not the latest UDI DAM):\nhttp://wiki.hl7.org/index.php?title=File:Medical%2BDevice%2BIdentification%2BConceptual%2BSpecification%2BR1.doc\nI think are good w/r to the information collected around the Sample Subject Information since the connection between the UDI to the Specimen DAM is through Order (page 13). \nBut...digging a little deeper, if you compare the Harmonization Patterns for Unique Device Identifiers from 2014 (http://wiki.hl7.org/images/2/24/Harmonization\_Pattern\_for\_Unique\_Device\_Identifiers\_20141113.pdf) to the Specimen DAM, we are lacking spots for device identifier, serial number, and donation identification number (page 1). \nSo ballot-wise I say we are good, but we might want to ponder those other fields and how we could tackle them (either formally or via an IG). \n7/12/2017: Need to review donation scenario - do we need to add that as a use case to the DAM?\n7/13/2017: From Hans: Just a quick note to use http://www.hl7.org/documentcenter/public/wg/orders/Harmonization\_Pattern\_for\_Unique\_Device\_Identifiers\_R3\_20160314.docx for the Harmonization pattern. - see document tab for document used\n7/26/2016: Need to differentiate between devices outside people vs devices explanted out of people:\nOutside - all those attributes are on the subject\nExplanted: device = specimen\nProposed mappings:\ni. Type of Object, if applicable (for example the medical device) = coded format => specimenType\nii. Manufacturer = text format + iii. Model = text format + iv. Lot Number = text format = representad as DeviceID (UDI) => specimen ID, where the identifiertype is device AND we have a parentID that points to the surgical case (sibling of associated specimen collected at the same time)\nv. Service Date (or Prepared Date for food) = date/time format => for explanted specimen = specimenCollectionDateTime; else it would be attribute of the subject\nvi. Expiration Date = date/time format => expirationTime\nvii. Relationship to Human Sample = ID and assigning authority format (or name format?) => for explanted specimen this is the link to the subject\nWill write up a use case that describe the device being explanted - JD to do - Motion to implement as proposed | 2017-07-26 00:00:00 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | JD Nolen | NaN | NaN | Greg Staudenmaier | US Department of Veterans Affairs | Serafina Versaggi | serafina.versaggi@bookzurman.com | NaN | NaN | NaN | NaN |
| 13 | OO | NaN | 2.8.1 Description | 22 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | The Specimen Event Tracking (SET) Profile from Integrating the Healthcaare Enterprise (IHE) | The Specimen Event Tracking (SET) Profile from Integrating the Healthcare Enterprise (IHE) | Healthcare misspelled | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Greg Staudenmaier | US Department of Veterans Affairs | Serafina Versaggi | serafina.versaggi@bookzurman.com | NaN | NaN | NaN | NaN |
| 9 | OO | NaN | 2.8.6 | 23 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | SET describes a very detailed set of use case scenarios for each of the above listed categories That would be too long to include here. | NaN | Something's missing. Or, if this really is the definition, it's not very helpful <g> | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Galen Mulrooney | US Department of Veterans Affairs | Galen Mulrooney | Galen.Mulrooney@JPSys.com | NaN | NaN | NaN | NaN |
| 14 | OO | NaN | 5.13 Specimen Move Activity | 44 | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | PlacedIntoElementIdentifier\nTakenFromElementIdentifier\nattributes\n NOTE: In the case of storage equipment it references the locationIdentifer, in the case of a holder it references the holderIdentifier, in the case of a device it references the deviceIdentifier, in the case of a container it references the containerIdentifer. | NaN | These attributes include the same note that is the basis for this comment,.\n\nThere may be opportunities to harmonize information requirements with the Domain Analysis Model for UDI (Unique Device Identifier System) currently under development under auspices of O&O, as that DAM may be a source for additional attributes (related to UDI)that may be relevant to this DAM. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6/21/2017: Need to review the UDI DAM documentation and see, if appropriate - also see #12\n8/2/2017: These attributes are for tracking the location of the specimen, so we ONLY need to identify where - not other attributes of the device for this purpose- if other attributes about the device are needed they could be obtaind through that link form the device model; however in #12 we looked at device ONLY in terms of specimen, not in terms of device used in processing or testing - for that we would map to performer? for processing activity add attribute of deviceUsed? - no decided we will stick with performer for both\nNote - need to update current defitnion: The entity (person, machine) that collects a specimen - expand past collection -> The entity (person, machine) that carries out the associated activity (e.g. collects the specimen, processes the specimen, moves the specimen or it's container or holder) | 201708-02 | JD Nolen / Kathy Walsh | 4 | 0 | 0 | NaN | NaN | JD Nolen | NaN | NaN | Greg Staudenmaier | US Department of Veterans Affairs | Serafina Versaggi | serafina.versaggi@bookzurman.com | NaN | NaN | NaN | NaN |
| 7 | OO | NaN | NaN | 12 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | Unique to this use case is the requirement for explicate identification… | Unique to this use case is the requirement for explicit identification... | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Galen Mulrooney | US Department of Veterans Affairs | Galen Mulrooney | Galen.Mulrooney@JPSys.com | NaN | NaN | NaN | NaN |
| 8 | OO | NaN | NaN | 22 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | Integrating the Healthcaare Enterprise | Integrating the Healthcare Enterprise | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Galen Mulrooney | US Department of Veterans Affairs | Galen Mulrooney | Galen.Mulrooney@JPSys.com | NaN | NaN | NaN | NaN |
| 11 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | A-S | 1 | NaN | NaN | NaN | NaN | I'd appreciate it if you could please take a look at the specimen classes in the Federal Health Information Model (see the Lab domain). Our approaches seem similar, and there's a lot of overlap, but you have some concepts we don't (I'll add them), but we have a few that you don't. BTW, we handled specimen appropriateness and condition, etc. in a "Specimen Assessment" class. I'll be in Madrid if you'd like a walk-thru of our model. Thanks! | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive with mod | 6//21/2017: Prep for future call - harmonize with FHIM (http://www.fhims.org/content/420A62FD03B6\_root.html) - homework: see "FHIM to SpecimenDAM" tab\n8/23/2017: see Notes column in "FHIM to SpecimenDAM" tab\n9/6/2017: See Notes column in "FHIM to SpecimenDAM" tab\n9/14/2017: See Notes column in "FHIM to SpecimenDAM" tab\n9/27/2017: See Notes column in "FHIM to SpecimenDAM" tab\nMotion to accept changes to the DAM identified in the "FHIM to SpecimenDAM" tab Kathy Walsh, Ron Van Duyne \n\n | NaN | NaN | 4 | 0 | 0 | NaN | NaN | Riki Merrick | NaN | NaN | Galen Mulrooney | US Department of Veterans Affairs | Galen Mulrooney | Galen.Mulrooney@JPSys.com | NaN | NaN | NaN | NaN |
| 31 | OO | NaN | NaN | 8 | NaN | NaN | NaN | NaN | NaN | A-T | 1 | NaN | NaN | NaN | 42814 | add Revision date | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Motion to refer typos to editor for fixing or bringing back to group | 2017-05-10 00:00:00 | Hans Buitendijk / Eric Haas | 7 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | Riki Merrick | Vernetzt, LLC / APHL | NaN | NaN | NaN | NaN | NaN | NaN |
| 990 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 1 | NaN | NaN | NaN | NaN | NaN | FOUND ITEM | NaN | NaN | NaN | NaN | NaN | NaN | Persuasive | 5/10/2017: Add a sequence diagram to explain what can be moved from where to where using specimenMoveActivity AND add a line from specimenContainer to Location to cover use cases where the actual storageEquipment information may not be available or when shipping between labs / organizations | 2017-05-10 00:00:00 | Riki Merrick / Hans Buitendijk | 6 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 991 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 1 | NaN | NaN | NaN | NaN | NaN | FOUND ITEM | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 5/17/2017: Need to review handling Location vs geographicLocation as attribute - Handled by #49 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 991 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 1 | NaN | NaN | NaN | NaN | NaN | BLOCK#1 VOTE | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 2017-06-07: Motion to approve Block#1 | 2017-06-07 00:00:00 | JD Nolen / Raj Dash | 4 | 0 | 0 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Total | Closed | NaN | NaN | Open | % of total comments | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | Blank | NaN | NaN | NaN | NaN | NaN | 1 | 1 | NaN | NaN | 0 | 0.015152 | NaN | NaN | NaN | 37 | NaN | NaN | NaN | NaN | Persuasive | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | A-A | NaN | NaN | NaN | NaN | NaN | 0 | 0 | NaN | NaN | 0 | 0 | NaN | NaN | NaN | 16 | NaN | NaN | NaN | NaN | Persuasive with mod | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | A-C | NaN | NaN | NaN | NaN | NaN | 6 | 2 | NaN | NaN | 4 | 0.090909 | NaN | NaN | NaN | 3 | NaN | NaN | NaN | NaN | Not persuasive | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | A-Q | NaN | NaN | NaN | NaN | NaN | 5 | 3 | NaN | NaN | 2 | 0.075758 | NaN | NaN | NaN | 2 | NaN | NaN | NaN | NaN | Not persuasive with mod | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | A-S | NaN | NaN | NaN | NaN | NaN | 10 | 8 | NaN | NaN | 2 | 0.151515 | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Not related | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | A-T | NaN | NaN | NaN | NaN | NaN | 21 | 21 | NaN | NaN | 0 | 0.318182 | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Considered for future use | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NEG | NaN | NaN | NaN | NaN | NaN | 23 | 22 | NaN | NaN | 1 | 0.348485 | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Considered - No action required | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 66 | 57 | NaN | NaN | 9 | 1 | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Considered - Question Answered | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 0.863636 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Referred and tracked | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Pending input from submitter | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Changes Applied Summary | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 0 | NaN | NaN | NaN | NaN | Pending input from other WG | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Blanks | 66 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | No | 0 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | 58 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Yes | 0 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Total | 66 | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| 1 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | NaN | NaN | NaN | NaN | See document 'V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY\_h\_buitendijk\_20170501181041.xls' that was uploaded to to the ballot website. | NaN | \*\*website comment\*\* | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Hans Buitendijk MSc | Cerner Corporation | NaN | hans.buitendijk@cerner.com | NaN | NaN | NaN | NaN |
| 2 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | NaN | NaN | NaN | NaN | See document 'V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY\_Russell\_Davis\_20170424131806.xls' that was uploaded to to the ballot website. | The use case 2.1 is for medical research. As such, a number could be real, imaginary, complex, integer, rational, fixed point, … | \*\*website comment\*\* | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Russell Davis | U.S. Department of Defense, Military Health System | NaN | Russell.J.Davis.Civ@mail.mil | NaN | NaN | NaN | NaN |
| 3 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | A-S | NaN | NaN | NaN | NaN | See document 'V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY\_william\_friggle\_20170426164247.xls' that was uploaded to to the ballot website. | NaN | \*\*website comment\*\* | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | William Friggle | Sanofi R&D | NaN | william.friggle@sanofi.com | NaN | NaN | NaN | NaN |
| 4 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | NaN | NaN | NaN | NaN | See document 'V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY\_robert\_hausam\_20170501235709.xls' that was uploaded to to the ballot website. | NaN | \*\*website comment\*\* | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Robert Hausam MD | Hausam Consulting LLC | NaN | rrhausam@gmail.com | NaN | NaN | NaN | NaN |
| 5 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NEG | NaN | NaN | NaN | NaN | See document 'V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY\_ulrike\_merrick\_20170423175245.xls' that was uploaded to to the ballot website. | NaN | \*\*website comment\*\* | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Ulrike Merrick | Vernetzt, LLC | NaN | rikimerrick@gmail.com | NaN | NaN | NaN | NaN |
| 6 | OO | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | A-S | NaN | NaN | NaN | NaN | See document 'V3\_DAM\_SPECIMEN\_R2\_I1\_2017MAY\_Greg\_Staudenmaier\_20170501202157.xls' that was uploaded to to the ballot website. | NaN | \*\*website comment\*\* | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Greg Staudenmaier | U.S. Department of Veterans Affairs | NaN | greg.staudenmaier@va.gov | NaN | NaN | NaN | NaN |

## Instructions
| Unnamed: 0 | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Return to Ballot | Unnamed: 8 | Unnamed: 9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | How to Use this Spreadsheet | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | General notes:\n\nColumns with bold headings must be completed for a given stage (ballot submission or ballot reconciliation) to be complete. Non-bold but black elements are conditional. Refer to the notes on this page for guidance about when these columns must be filled in (and any circumstances when they should be left blank). Blue column headings indicate optional information. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | Submitting a ballot:\n\nSUBMITTER WORKSHEET:\nPlease complete the Submitter worksheet noting your overall ballot vote. Please note if you have any negative line items the ballot is considered negative overall. For Organizations and International Affiliates, the Submitter must be one of your registered voters to conform with ANSI guidelines.\n\nBALLOT WORKSHEET:\nSeveral columns utilize drop-down lists of valid values, denoted by a down-arrow to the right of the cell.\n\nSubmitters, please complete all lavender columns as described below.\nWG's use the columns in turquoise to document the process of reconciling ballot comments. \n \nIf you need to add a row, please do so near the bottom of the rows provided to maintain the item numbers.\nIf you encounter issues with the spreadsheet, please contact Karen Van Hentenryck (karenvan@hl7.org) at HL7 Headquarters.\n\nReconciliation; resolving ballot line items:\nWGs, please complete all turquoise columns as described below to resolve Ballot line item comments.\nWG's are required to notify the comment submitter, as denoted by the Submitter worksheet or "On behalf of" column, of the resolution of each neagative Ballot line item.\n\nSubmitting comments on behalf of another person:\nA submitter may cut and paste other peoples' comments into the spreadsheet and manually update the column titled "On behalf of" or may use a worksheet with the amalgamation macro in it (available from HL7 Inc. or HL7 Canada (standards@infoway-inforoute.ca)). The amalgamation worksheet contains the necessary instructions to automatically populate the 'submitter', 'organization' and \n'on behalf of' columns. This is very useful for organizations and International Affiliates who typically have one representative \nsubmitting ballot comments from a number of different people. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | Column Headers | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | Ballot Submitter (sections in lavender) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | Applies to: |
| NaN | A - Comment Number | This is an identifier used by HL7 WGs. Please do not alter. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | B - Ballot | A collection of artifacts including messages, interactions, & storyboards that cover a specific interest area. Examples in HL7 are Pharmacy, Medical Devices, Patient Administration, Lab Order/Resulting, Medical Records, and Claims and Reimbursement. \n\nSelect from the drop down list the specific ballot that the comment pertains to. An explanation of the 'codes' used to represent the Ballots as well as the Ballot WGs that are are responsible for them is included in the worksheet titled 'CodeReference'. Please refer to the list of available ballots on the HL7 site for more descriptive information on current, open ballots. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | C - Chapter | Identifies the chapter or appendix of the ballot specificaiton the comment refers to. | NaN | NaN | NaN | NaN | NaN | NaN | PDF ballots (incl. V2 and various V3 topics) |
| NaN | D - Section | Section of the ballot, e.g., 3.1.2. Note: This column can be filtered by the committee, for example, to consider all ballot line items reported against section 3.1.2. | NaN | NaN | NaN | NaN | NaN | NaN | PDF ballots (incl. V2 and various V3 topics), FHIR |
| NaN | E - Page # | Identifies the page of the PDF document the ballot comment relates to. (If multiple pages, separate with commas) | NaN | NaN | NaN | NaN | NaN | NaN | PDF ballots (incl. V2 and various V3 topics) |
| NaN | F - Line # | Identifies the line number from the left-hand side of the page that the ballot comment relates to. If the comment applies to a range of lines, either just list the starting line or use the form 7-15 to designate the start and ending line. | NaN | NaN | NaN | NaN | NaN | NaN | PDF ballots (incl. V2 and various V3 topics) with line numbers |
| NaN | G - Artifact | The type of Artifact this Ballot line item affects; used to group like artifacts for resolution. The following are suggested values: | NaN | NaN | NaN | NaN | NaN | NaN | V3 |
| NaN | NaN | AD | Data Type - Abstract | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | AR | Application Role | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | CT | Common Message Elements (CMET) | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | DA | Domain Analysis Model | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | DM | Domain Message Information Model | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | HD | Hierarchical Message Definition | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | IN | Interaction | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | MT | Message Type | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | RI | Reference Information Model | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | RM | Refined Message Information Model | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | SC | Schema [typically FYI or Informative] | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | SD | Sample Instance - Document [typically FYI or Informative] | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | SM | Sample Instance - Message [typically FYI or Informative] | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | SN | Schematron [typically FYI or Informative] | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | SS | Style Sheet [typically FYI or Informative] | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | ST | Storyboard | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | TE | Trigger Event | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | TP | Transport Protocol | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | UD | Data Type UML-ITS | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | XD | Data Type XML-ITS | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | XS | XML-ITS Structure | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | ?? | NOS (Not Otherwise Specified) / Other | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | BLANK | Not artifact specific; e.g. description, illustration, definition, etc. | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | H - Resource(s) | The name of the resource or resources related to the ballot comment - used to categorize the line item and determine disposition work group. Must correspond to list within gForge tracker, space-separated. At least one resource or page must be identified. | NaN | NaN | NaN | NaN | NaN | NaN | FHIR |
| NaN | I - HTML Page Name(s) | The specification page or pages related to the ballot comment - used to categorize the line item and determine disposition work group. Must correspond to list within gForge tracker, space-separated. At least one resource or page must be identified. | NaN | NaN | NaN | NaN | NaN | NaN | FHIR |
| NaN | J - Page or Section URL | URL for the page (or where possible the section - right-click on the "globe" icon beside the section heading and select "copy link address") that the comment relates to | NaN | NaN | NaN | NaN | NaN | NaN | FHIR |
| NaN | K - Vote and Type | Negative Vote:\n\n(NEG) Negative Vote with comment. Use this in the situation where the content of the material is non-functional, incomplete or requires correction before final publication. All Neg votes must be accompanied by comments and be resolved by the Work Group.\n\nNote: the designation of a Negative with comment as either Major or Minor has been discontinued due to being to subjective in nature. HL7, under ANSI guidelines, does not differentiate a Negative with comment based on the supposed severity assigned by the submitter. All Normative Ballot negative comments must be addressed, if not finally resolved, before the Ballot can move to ANSI for approval. \n\nAffirmative Votes:\n\n(A-A) Affirmative Vote without qualification\n\n(A-S) Affirmative Vote with Suggestion. Use this if you are including a suggestion (comment) for the WG's consideration; such as additional background information or justification for a particular solution.\n\n(A-T) Affirmative Vote with Typo. Use this if you are (comment) reporting a typographical error.\n\n(A-Q) Affirmative Vote with Question. Use this if you submitted a question (comment) for consideration by the WG.\n\n(A-C) Affirmative Vote with Comment - Use this for a generic Affirmative with a comment other than a suggestion, question, or typo . | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | L - Sub-Category | For negative and Suggestion comments, this column should be included to identify the specific nature of the desired change:\nCorrection: Indicates that there is believed to be an issue with the specification such that it does not reflect the intent of the author or will not achieve the intended objective without adjustment\n\nClarification: Indicates that the wording of the specification, as written, is not sufficiently clear as to how conformant implementations should behave\n\nEnhancement: Indicates that an additional feature is desired that is felt to fall within the declared scope of the specification. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | M - Tracker # | Identifies an existing tracker item from the FHIR gForge change request tracker that describes the ballot comment. This might be a comment submitted by the balloter or by someone else (but which the balloter agrees with and wishes to assert as part of their own ballot response). Submitters are encouraged to submit comments directly to the tracker as this allows them to easily monitor each line item comment as it is commented on and eventually disposed. Any comments not submitted via the tracker will be migrated to the tracker as part of the ballot reconciliation process.\n\nThe gForge Change Request tracker is found here:\nhttp://gforge.hl7.org/gf/project/fhir/tracker/?action=TrackerItemBrowse&tracker\_id=677\n\nThis column must be populated if no content is provided in Ballot Comment. If a tracer # is provided, then any specified Ballot Comment will be treated as a comment on the existing tracker. Other information beyond ballot strength and in-person resolution requested will be ignored.\n | NaN | NaN | NaN | NaN | NaN | NaN | FHIR |
| NaN | N - Existing Wording | The wording of concern/relevance for this comment. Copy and Paste from ballot materials. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | O - Proposed Wording | Using the Existing Wording as a template, denote the desired changes. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | P - Ballot Comment | Description of concern, question or reason for change. For purposes of WG review state why this change would be beneficIal. Should the proposed wording require further comment or clarificaton enter it following your rationale.\n\nThis column must be populated if no Tracker # is provided | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | Q - Summary | A short (50-150 character) description of the proposed change or issue. This will appear as the tracker title of the gForge tracker item. (The title may be edited for clarity prior to posting to gForge.)\n\nThis column must be populated if no Tracker # is provided. | NaN | NaN | NaN | NaN | NaN | NaN | FHIR |
| NaN | R - In Person Resolution Requested? | Submitters can use this field to indicate that they would appreciate discussing particular comments in person during a WGM session or conference call. Reasonable efforts will be made to coordinate discussion such that the commenter can be present, either at a face-to-face meeting or conference call. Please note that due to time constraints not all comments can be reviewed at WGMs. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | Work Group Reconciliation (sections in green) | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | S - Comment Grouping | This is a free text field that WGs can use to track similar or identical ballot comments. For example, if a WG receives 10 identical or similar ballot comments the WG can place a code (e.g. C1) in this column beside each of the 10 ballot comments. The WG can then apply the sort filter to view all of the similar ballot comments at the same time. This can also be used to identify items for block votes, items to be discussed at particular WGM quarters or conference calls, etc. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | T - Schedule | Indicates when this item is tentatively planned for review | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | U - Triage Note | An initial proposed disposition or evaluation of the line item, including assertion of duplication, etc. Asserted during the ballot triage process. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | V - Pubs | If the submitter feels that the issue being raised directly relates to the formatting or publication of this document rather than the content of the document, flag this field with a "Y" value, otherwise leave it blank or "N". | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | W - Disposition WG | Prior to disposition, this is the WG that has been "assigned" the ballot line item. It may be changed if the responsibility moves from one WG to another. Once a vote is made, it indicates the WG that voted on the item's disposition. Must correspond to one of the work groups or other triage categories in the gForge tracker (e.g. publications, reference implementations). Must be assigned for all non-duplicate items. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | X - Disposition | The instructions for selecting dispositions were too large for this section and have been moved to the worksheet titled "Instructions Cont.." | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | Y - Disposition Comment\nor\nRetract/Withdrawal Details | Enter a reason for the disposition as well as the context. Can also include work-group notes and/or preliminary dispositions. When not capturing a final disposition, capture the date and context of the comment. E.g.:\n20130910 CQ WGM: Require more discussion with submitter. Comment is unclear\n20131117 CQ Telecon: Editor recommends that proposed wording be accepted. \n\nNote that date and vote of the final disposition are captured in separate columns.\n\nThis column must be populated unless the disposition is Persuasive, Considered - Tracked for Future Consideration or Considered - No Action Required\n\nIf a ballot comment is withdrawn or retracted, contextual information about the withdrawal is captured here (e.g. WGM quarter, conference call, etc. May also include the stated reason for retraction/withdrawal) | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | Z - Disposition/Retract/Withdrawal Date | Indicates the date on which the disposition was approved by the indicated work-group. If the comment is retracted/withdrawn prior to disposition, that date is captured instead. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AA - Mover/Seconder | Indicates who moved the motion to accept the proposed disposition in column X - Disposition and Y - Disposition Comment | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AB - For | FOR or AGAINST the proposed resolution, or ABSTAIN from the vote. Note: votes are required for Normative Ballot line items; votes may be taken for Informative and DSTU Ballot line items, but are not required; typically no votes are taken for Comment-only Ballot line items. No votes are necessary on Affirmative line item comments. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AC - Against | NaN | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AD - Abstain | NaN | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AE - Retracted / Withdrawn\n(Negative Ballot Line Items\nOnly) | Withdrawn\nThis term relates to the decision by a submitter to accept the dispostion of the line item proposed by the WG. Seeking the withdrawal of a Normative Ballot negaive line item is particularly important, since a withdrawn negative becomes an affirmative. Of the other Ballot Types (Informative, DSTU, Comment-only) seeking the withdrawal of a negative may certainly contribute toward the Ballot passing, but it is not required; particularly on a Comment-only Ballot.\n\nThis field is used when the submitter agrees to "Withdraw" the negative line item particularly a Normative Ballot negative line item. While the HL7 Governance and Operations Manual (GOM) section 13.01.04 mentions withdrawal of negative line items for Informative Ballots; the primary focus of withdrawals relates to Normative Ballots as addressed in the HL7 Essential Requirements (ER) at section 02.09 . \n\nTo help submitters and co-chairs understand the use of "Withdrawn", the following example scenarios indicate when "Withdrawn" might be used: \n1) the WG has agreed to make the requested change; e.g. found the comment "Persuasive" \n2) the WG has agreed to make the requested change (Persuasive), but with modification to it or portions therof \n3) the WG has found the requested change to be persuasive but out-of scope for the particular ballot cycle and the submiter has agreed to submit the change for the next release \n4) the WG has found the requested change to be non-persuasive and has convinced the submitter to accept that decision. \n\nIf the negative submitter agrees to "Withdraw" a negative line item it must be recorded in the ballot spreadsheet as a "withdrawn". Should the submitter, for whatever reason, not agree to withdraw a negative comment found persuasive, this column should be marked "resolved". In all other cases where the submitter refuses to withdraw the negative comment it should be left blank.\n\nThe intent of this field is to help manage negative line items, but the WG may elect to manage affirmative comments (suggestions, typos, questions) using this field if they so desire. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | NaN | This field may be populated based on the ballotter's verbal statement in a WGM, in a teleconference or in a private conversation with a WG co-chair. The intention will be documented in the minutes as appropriate and on the ballot spreadsheet. The entry must be dated if it occurs outside of a WGM.\n\nThe field will be left unpopulated if the ballotter elects to not withdraw or retract the negative line item.\n\nNote that a ballotter often withdraws a line item before a change is actually applied. The WG is obliged to do a cross check of the Disposition field with the Change Applied field to ensure that they have finished dealing with the line item appropriately. \n\nRetract\nThe submitter has been convinced by the WG to retract the ballot line item. This may be due to a decision to make the change in a future version or a misunderstanding about the content. This action is not to be confused with a withdrawal which signifies the successful resolution of a negative line item; rather a line item retraction equates to the line item never having been submitted and it is not counted in any Ballot tally.\n\nNOTE: If the line item was previously referred, but withdrawn or retracted; once the line item is dealt with in the referral WG update the disposition as appropriate when the line item is resolved. | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | AF - Disposition \nExternal Organizaton | If Disposition requires action from an external organization, such as another standards body or collaborating group, name the organization or group here. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AG - Responsible Person | Identifies a specific person that will ensure that any accepted changes are applied to subsequent materials published by the WG (e.g. updating storyboards, updating DMIMs, etc.). | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AH - Change Applied | An indicator to be used by the WG co-chairs to indicate if the proposed changes have indeed been made to the specification's official source material. Values are:\nYes - Agreed change has been made\nNo - Agreed change has not yet been made (default)\nPre - Change has been pre-applied based on proposed disposition. Once final disposition is agreed, this may be changed to Y if the final disposition is unchanged from the proposed disposition.\n\nThis column must be populated (and should only be populated) if the disposition is Persuasive, Persuasive with Mod or Not Persuasive with Mod. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AI - Substantive Change | Yes, No, or blank indicator to be used by the WG co-chairs to indicate if the line item involves a change considered to be substantive. This column should only be populated if the disposition is Persuasive, Persuasive with Mod or Not Persuasive with Mod. If any confusion as to status, may be a substantive change. NOTE: Substantive change is only a consideration on Normative Ballot items.\n\nThe ANSI definition of substantive change is "A substantive change in a proposed American National Standard is one that directly and materially affects the use of the standard. Examples of substantive changes are "shall" to "should" or "should" to "shall"; addition, deletion or revision of requirements, regardless of the number of changes; addition of mandatory compliance with referenced standards."\n\nThe HL ER mirrors the ANSI definition and adds the following: "A substantive change is any change that materially affects the intent or content of the proposed HL7 ANS as balloted; e.g., alters the information content of a message, the circumstances under which it would be sent, or the interpretation of its content." \n\nThe ARB, pending endorsement by the TSC, has put forward the following:\n"A substantive change is one that changes the semantics of a given specification, i.e. representational changes should <<not>> be considered substantive in the context of the source specification itself <<unless>> such representational changes could substantively change down-stream derivative products of the specification, including either/both derivative semantics and/or derivative serializations or other wire-format-sensitive constructs." \n\nAny substantive change to a specification under normative shall necessitate a subsequent normative ballot of the same content; allowing the consensus group to respond, reaffirm, or change their vote due to the substantive change. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AJ - Submitted By | This column is auto filled from the Submitter Worksheet. It is used to refer back to the submitter for a given line item when all the ballot line items are combined into a single spreadsheet or database. For Organization and Benefactor members, the designated contact must be one of your registered voters to conform with ANSI guidelines. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AK - Organization | This column is auto filled from the Submitter Worksheet. Submitter's should enter the name of the organization that they represent with respect to voting if different from the organization which employs them. It is used to link the submitter's name with the organization they are voting on behalf of for a given line item when all the ballot line items are combined into a single spreadsheet or database. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AL - On Behalf Of | This column is autofilled from the Submitter Worksheet, but can be overwritten when comments from multiple contributors are combined into one spreadsheet by the submitter. It is used to track the original submitter of the line item. Many International Affiliates and Organizational submitters pool comments from a variety of reviewers, who can then be tracked using this column. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AM - Commenter Email | This column is autofilled from the Submitter Worksheet. It is used to track the email address of the original submitter of the line item. Many International Affiliates and Organizational submitters pool comments from a variety of reviewers, who can then be tracked using this column. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AN - Submitter Tracking ID # | Identifier internal to the organization or Affiliate submitting the ballot. This should be a meaningful number to the organization or Affiliate submitter that allows them to track comments. This can be something as simple as the reviewer’s initials followed by a number for each comment, i.e. JD-1, or even more complex such as ‘001XXhsJul03’ where ‘001’ is the unique item number, ‘XX’ is the reviewer's initials, ‘hs’ is the company initials, and ‘Jul03’ is the date the ballot was released. If additional rows are added, please do so after the last row in the ballot spreadsheet to ensure that the sequential numbers are maintained. | NaN | NaN | NaN | NaN | NaN | NaN | All |
| NaN | AO - Referred To | Use this column to indicate the WG you have referred this ballot comment to. Not used for gForge-associated ballots. (Simply re-assign the disposition WG to the appropriate WG) | NaN | NaN | NaN | NaN | NaN | NaN | All except FHIR |
| NaN | AP - Received From | Use this column to indicate the WG or external organization from which the WG received the resolution for this ballot comment, if different from [Disposition] WG or [Disposition] external organization identified previously. Not used for gForge-associated ballots. | NaN | NaN | NaN | NaN | NaN | NaN | All except FHIR |
| NaN | AQ - Notes | This is a free text field that WGs can use to add comments regarding the current status of referred or received item. Not used for gForge-associated ballots. | NaN | NaN | NaN | NaN | NaN | NaN | All except FHIR |

## Instructions Cont..
| Ballot instructions continued... | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Back to ballot | Unnamed: 10 | Back to instructions |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |

## Format Guidelines
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## Co-Chair Guidelines
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## Setup
| This page reserved for HL7 HQ. DO NOT EDIT. | Unnamed: 1 | Unnamed: 2 | Unnamed: 3 | Unnamed: 4 | Unnamed: 5 | Unnamed: 6 | Unnamed: 7 | Unnamed: 8 | Unnamed: 9 | Unnamed: 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | Affirmative | Negative | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| If you submit an overall affirmative vote, please make sure you have not included negative line items on the Ballot worksheet | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Please be sure that your overall negative vote has supporting negative comments with explanations on the Ballot worksheet | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| You have indicated that you will be attending the Working Group Meeting and that you would like to discuss at least one of your comments with the responsible Committee during that time. Please note that due to time constraints not all comments can be reviewed at WGMs and that it is your responsibility to find out when this ballot comment can be scheduled for discussion. | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Yes | No | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN | NaN |
| Persuasive | Persuasive with mod | Not persuasive | Not persuasive with mod | Not related | Considered for future use | Considered - No action required | Considered - Question Answered | Referred and tracked | Pending input from submitter | Pending input from other WG |

## FHIM to SpecimenDAM
| Source: http://www.fhims.org/content/420A62FD03B6\_root.html | Source: Balllot document | Specimen Call Notes |
| --- | --- | --- |
| FHIM representation | Specimen DAM representation | NaN |
| SpecimenCollectionEvent class | SpecimenCollectionClass | NaN |
| SpecimenCollectionEvent.collectionAmount: Quantity [0..1] | Specimen.originalSpecimenMeasurement: Quantity (missing in diagram - missing cardiality! | 8/23/2017: add cardinality as 0..1 |
| SpecimenCollectionEvent.collectionMethod: Code [0..1] | SpecimenCollection.methodCode: Code [1..1] - we also have procedureCode in the table with the same definiton! | 8/23/2017: this is confusing - remove the newly added .procedureCode and keep the older .methodCode to avoid confusion of folks using one or the other\nsince both v2 and FHIR currenty use method, though the vocab binding in FHIR needs to be examined - the codes used there are not limited to procedure hierarchy, nor do they all represent procedures or techniques |
| SpecimenCollectionEvent.collectionSite: Code [0..1] | SpecimenCollection.approachSiteCode: Code [1..1] ? | 8/23/2017: correct mapping fix cardinality to be 0..1 |
| SpecimenCollectionEvent.comment: String | SpecimenCollection.comment: string [0..1] - cardinality missing in diagram | 8/23/2017: add cardinality as 0..1 to diagram |
| SpecimenCollectionEvent.dateTime: Period | SpecimenCollection.actualCollectionDateRange: Range<TimeStamp> [1..1] | NaN |
| SpecimenCollectionEvent.sourceSite: Code [0..1] | SpecimenCollection.targetAnatomicSiteCode: Code [1..1] | 9/6/2017: change cardinality should be 0..1 |
| SpecimenCollectionEvent.sourceSiteModifier: Code [\*] | SpecimenCollection.targetAnatomicSiteQualifierCode: Code [0..\*] | NaN |
| NaN | NaN | NaN |
| Specimen class | Specimen class | NaN |
| Specimen.dangerCode: Code [\*] | Specimen.riskCode: Code - missing cardinality! | 9/6/2017: cardinality should be 0..\* |
| Specimen./dateTimeRecevied: PointInTime [0..1] | SpecimenMoveActivity.moveDateTime - end of range, when "movedTo" = testing lab | 9/6/2017: need to change datatype for moveActivityDateTime to range <Timestamp>, in most cases we won’t need start and end time, but for this we would - cardinality is 1..1 |
| Specimen.handlingCode: Code [\*] | Specimen.handlingCode: Code - missing cardinality! | 9/6/2017: cardinality should be 0..\* |
| Specimen.id: ID [\*] | Specimen.identifier: Identifier [1..\*] - in diagram called "specimenIdentifier as attribute and datatype | 9/6/2017: change datatype to "identifier" |
| Specimen.note: string | Specimen.description: string? - missing cardinality! | 9/6/2017: cardinality should be 0..1 |
| Specimen./parent: Specimen [\*] | Specimen.parentIdentifier: SpecimenIdentifier [0..\*] | 9/6/2017: change datatype to "identifier" |
| Specimen.specimenExpirationDateTime: PointInTime [0..1] | Specimen.expirationTime: Timestamp [0..1] | 9/27/2017: Make sure we explain that this is the discard date\nin addiotn the expiration date is also test dependent - and also dependnent o the condition of the speicmen |
| Specimen.specimenOrigin: Code [0..1] | Specimen.classCode: Code - missing cardinality! | 9/6/2017: cardinality should be 0..1 |
| Specimen.specimenRole: Code [\*] | Specimen.specimenRole - missing cardinality! | 9/6/2017: cardinality should be 0..\* |
| Specimen.specimenType: Code | Specimen.typeCode: code - missing cardinality! | 9/6/2017: cardinality should be 1..1 |
| Specimen.specimenTypeModifier: Code [\*] | NaN | 9/27/2017: could this be included in the type - that can be implementation specific - similar to SPM-5 in v2.x - not needed at the model level |
| Specimen.status: Code [0..1] | Specimen.statusCode: Code [1..\*] | NaN |
| NaN | NaN | NaN |
| SpecimenAssessment class | NaN | 9/6/2017: develop draft for review before making decision\n9/27/2017: not needed as separate class |
| SpecimenAssessment.appropirateness: string [0..1] | NaN | 9/27/2017: This is test dependent, so should be attached as atribute to the test, even though it considers the specimen |
| SpecimenAssessment.containerCondition: Code: [0..1] | SpecimenContainer.containerCondition: Code | NaN |
| SpecimenAssessment.currentQuantity: [0..1] | Specimen.currentSpecimenMeasurement: Quantity - missing cardinality! | NaN |
| SpecimenAssessment.dateTime: PointInTime | NaN | NaN |
| SpecimenAssessment.isSpecimenAvailable: Boolean | NaN | 9/27/2017: This is test dependent, so should be attached as atribute to the test, even though it considers the specimen |
| SpecimenAssessment.numberofContainers: Integer [0..1] | Specimen.numberOfContainers: Integer - missing cardinality! | NaN |
| SpecimenAssessment.rejectReason: Code [\*] | NaN | 9/27/2017: This is test dependent, so should be attached as atribute to the test, even though it considers the specimen |
| SpecimenAssessment.specimenCondition: Code: [\*] | Specimen.specimenCondition: Code [0..\*] - cardinality missing in diagram | NaN |
| SpecimenAssessment.specimenQuality: Code [\*] | NaN | 9/27/2017: This is test dependent, so should be attached as atribute to the test, even though it considers the specimen |
| SpecimenAssessment.temperature | NaN | 9/27/2017: This is test dependent, so should be attached as atribute to the test, even though it considers the specimen |
| NaN | NaN | NaN |
| SpecimenContainer class | SpecimenContainer class and SpecimenContainerParameters class | NaN |
| SpecimenContainer.barrierDeltaQuantity: Quantity [0..1] | SpecimenContainer.barrierDeltaQuantity: Quantity [0..1] | NaN |
| SpecimenContainer.bottomDeltaQuantity: Quantity [0..1] | SpecimenContainer.bottomDeltaQuantity: Quantity [0..1] | NaN |
| SpecimenContainer.capType: string [0..1] | SpecimenContainer.containerCapType: Code - missing cardinality; missing in diagram | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer.containerCapacity: Quantity [0..1] | SpecimenContainerParameters.capacity: Quantity - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer.containerDiameter: Quantity [0..1] | SpecimenContainerParameters.diameter: Quantity - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer.containerheight: Quantity [0..1] | SpecimenContainerParameters.height: Quantity - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer.containerType: string [0..1] | SpecimenContainerParameters.containerTypeCode: Code - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer.description: string [0..1] | SpecimenContainer.name: string [1..1] ? | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer.id: ID | SpecimenContainer.containerdentifier: Identifier [1..\*] | 9/6/2017: cardinality should be 0..\* |
| SpecimenContainer.separatorType: string [0..1] | SpecimenContainer.separatorType: Code - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| SpecimenContainer./specimenQuantity: Quantity [0..1] | Specimen.currentSpecimenMeasurement: Quantity - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| NaN | NaN | NaN |
| SpecimenAdditive class | NaN | 9/6/2017 - not need separate class |
| SpecimenAdditive.additiveType: Code [\*] | SpecimenProcesssing.processingAdditive: Code [0..\*] | NaN |
| SpecimenAdditive.quantity | NaN | 9/6/2017: ask Raj\n9/14: would we need to know quantity per gram of tissue?\nRatio between tissue and fixative may be more important than the actual amount of fixative\n9/27: Riki to email Raj - we do have a referencedProtocol ID in the processing activity, that could define all these details, so may be don't need here? |
| NaN | NaN | NaN |
| SpecimenProcesssingEvent class | SpecimenProcesssing Class | NaN |
| SpecimenProcesssingEvent.dateTime: PointInTime [0..1] | SpecimenProcesssing.processingDateTime: Range <Timestamp> [1..1] | NaN |
| SpecimenProcesssingEvent.description: string [0..1] | SpecimenProcesssing.description: string - missing cardinality | 9/6/2017: cardinality should be 0..1 |
| SpecimenProcesssingEvent.groupedSpecimenCount: Interger [0..1] | SpecimenProcesssing.specimenGroupCount [0..1] | 9/14/2017: discussion about keeping the groupcCount on the specimen vs capturing it on the processingActivity, since that is the first time you create the number (in production environment might store on specimen instead of the processing activity? ) - MOVE specimen.specimenGroupCount to processing activity - 0..1\n9/27/2017: Would you need to retain the count on specimen - no just look it up in processign activity |
| SpecimenProcesssingEvent.processCategory: Code | SpecimenProcesssing.processingProcedure: Code [1..1] | 9/14/2017: cardinality: 0..1 or 0..\* to cover when more than 2 activities are performed together - also might write up a protocol and use that insead of codes here, do have protocolReference on colelctinand move, - add here as well. Make a CS that we need to have either the code or protocolReference |
| NaN | NaN | NaN |
| SpecimenHandling class | NaN | NaN |
| SpecimenHandling.dateTimeBegin: PointInTime [0..1] | SpecimenProcesssing.processingDateTime: Range <Timestamp> [1..1] | NaN |
| SpecimenHandling.dateTimeEnd: PointInTime [0..1] | SpecimenProcesssing.processingDateTime: Range <Timestamp> [1..1] | NaN |
| SpecimenHandling.highTemperature: Quantity [0..1] | SpecimenProcesssing.temperature: Quantity [1..1] - may be change to Range <Quantity>? | 9/14/2017: will change to Range<Quantity> change cardinality 0..1 |
| SpecimenHandling.lowTemperature: Quantity [0..1] | SpecimenProcesssing.temperature: Quantity [1..1] - may be change to Range <Quantity>? | 9/14/2017: will change to Range<Quantity> change cardinality 0..1 |
| SpecimenHandling.dateTimeBegin: PointInTime [0..1] | SpecimenMoveActivity.MoveDateTime: Range <Timestamp> [1..1] | 9/14/2017: Duplicate mapping to cover both processing and moveActivity |
| SpecimenHandling.dateTimeEnd: PointInTime [0..1] | SpecimenMoveActivity.MoveDateTime: Range <Timestamp> [1..1] | 9/14/2017: Duplicate mapping to cover both processing and moveActivity |
| SpecimenHandling.highTemperature: Quantity [0..1] | SpecimenMoveActivity.temperature: Range <Quantity> [0..1] | 9/14/2017: Add to specimenMoveActivity the temperature as range |
| SpecimenHandling.lowTemperature: Quantity [0..1] | SpecimenMoveActivity.temperature: Range <Quantity> [0..1] | 9/14/2017: Add to specimenMoveActivity the temperature as range |
| NaN | NaN | NaN |
| SpecimenStorage class | StorageEquipment class | NaN |
| SpecimenStorage.location: Id | StorageEquipment.geographicalLocaton: GeographicLocation [1..1] | NaN |
| NaN | NaN | NaN |
| SpecimenTransportation class | NaN | NaN |
| SpecimenTransportation.shipmentId: ID | holder.identifier 1..\* | 9/14/2017 - since the holder is also the box, this will work |
| SpecimenTransportation.transportationMethod: string [0..1] | specimenMoveActivity.description: string 0..1 | 9/14/2017: disussion about adding this to specimenMoveActivity vs using specimenMoveActivity.description: string\n9/27/2017: Description is NOT in the table at the moment - need to add to table - since both are string we can document whatever we want there; so do not add until we have a value set folks want to support, then create as coded attribute |
| NaN | NaN | NaN |
| DefinedPatientEvent class | SubjectCharacteristicAtCollection class | NaN |
| DefinedPatientEvent.eventType: Code | SubjectCharacteristicAtCollection.observationType: Code AND SubjectCharacteristicAtCollection.observationValue: Any ? | NaN |
| DefinedPatientEvent.timeBeforeOrSinceEvent: TimeQuantity [0..1] | SubjectCharacteristicAtCollection.observationType: Code AND SubjectCharacteristicAtCollection.observationValue: TimeQuantity | NaN |
| NaN | NaN | NaN |
| AccessionEvent class | NaN | NaN |
| AccessionEvent.accessionDate: pointInTime | NaN | 9/27/2017: accepting into workload at time of promise, that would be at the time of order, so no specimen yet.\nAlso not sure this is needed for exchange - seems to be covered under system audit log |
| AccessionEvent.accessionId: Id | Specimen.specimenIdentifier: Specimen Identifier [1..\*] | NaN |

## Document
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