**Specimen Project Conference Call**

**05 July 2012**

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**Attendees:**

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| --- | --- |
| Name | Organization |
| Lorraine Constable | Constable Consulting |
| Lisa Schick | Scenpro |
| Riki Merrick | IConnect |
| Ron van Duyne | CDC |
| Jim Case | NLM |
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**Co-Chair**: Lorraine Constable

**Scribe:** Riki Merrick

**Meeting Minutes**

* Review notes from 6/21 – need to update to formal minutes

**Review LSDAM changes**

Class: activity collection was added and made parent of experiment and specimen processing

In tissue application (CABIG specimen management application has added support for defining specimen handling protocol and then tracking what was actually performed)

Defined material process step; added under defined procedure

Model is now bound to HL7 abstract data types, no longer ISO 21090 – as per BRIDG 2.1

Question: Have they added specimen origin?

Biologic specimens only are considered in LS DAM, not environmental specimens such as water.

Subject is only related to biologic specimen – connected through the activity of specimen collection

Question: Why link the biological entity through subject to performed specimen collection?

Comment on the model: No attributes in subject classes – hard to understand to what subject is expecting – no attributes were included in the LSDAM view either.

Specimen collections are performed on biologic entities that have subject attributes to give detail of the instance of the biologic entity. Subject is a role for the biologic entity

Specimen could also be a material – how to model that? Subject = source of the material

Subject in BRIDG is defined as entity here – not meant in the RIM sense; is subject the same as target in the RIM?

In RIM = Target: what the participation is aimed at. Subject is the player in the specimen collection, while the testing person is the scoper.

Can location of soil sample be the location? Yes – it would be place, which has attributes that describe it.

Associations: collection to entity below that biologic and material

Are we including microorganisms?

Discussed attributes that should be added to the entity class:

* Subclasses vs. origin
* Why not use the attributes as they are defined in the RIM? We want to make sure we have the business concepts covered by the DAM and update the RIM and v2 models according to use cases.

Add to entity:

* Class code – this would cover the origin – call it entity type
* Subtype is continuation of this – what type of animal for example
* Quantity – more than 1 within the entity (applies entire entity – this comes from population studies (people over age x in a study)
* Description – dealing with material samples (currently part of material in LSDAM)
* Risk code – how dangerous is the entity
* Handling code about the entity – requires refrigeration

For animal add:

* Subspecies rank

For material add:

* Form code

Need to further explore where subject fits, and where to have the origin – in specimen or in entity