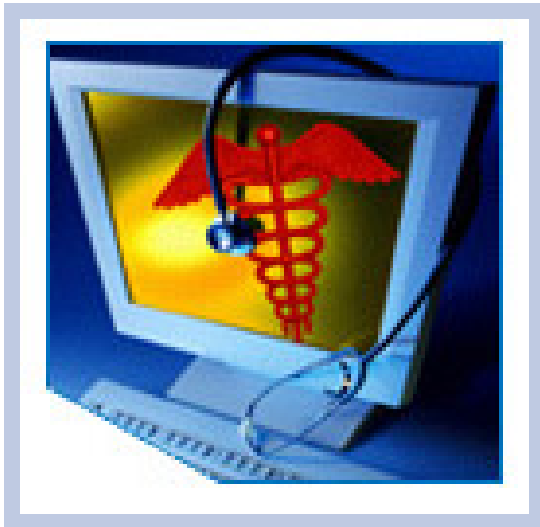


HITSP Foundations Harmonization Subcommittee Notices



Submitted to:

Healthcare Information Technology Standards Panel

Submitted by:

Foundations Harmonization Subcommittee



TABLE OF CONTENTS

1.0 INTRODUCTION	3
2.0 INTENT TO INITIATE HARMONIZATION PROJECTS	4
2.1 Administrative/Financial/Clinical Terminologies Reconciliation	4
2.2 Data element reconciliation	4
3.0 INTENT TO PUBLISH FOR COMMENT	5
4.0 FINAL APPROVAL AND PUBLICATION	6
The following Value Sets and Information Model fragment have completed a 60 day comment periods and have had all comments resolved. These will be sent to the Panel for final approval and publication at the July meeting.	
	6
4.1 Patient Marital Status	6
4.1.1 Overview and Scope	6
4.1.2 Summary of Value Set	6
4.2 Body Structure	6
4.2.1 Overview and Scope	7
4.2.2 Summary of Value Set	7
4.3 Demographics Information Model Fragment Project	7
4.3.1 Overview and Scope	8
4.3.2 No Comments were received during the 60 day comment Ending April 15, 2009	8
5.0 ONGOING HARMONIZATION PROJECTS	9
5.1 Medication Terminologies Harmonization Project	9
5.1.1 Overview and Scope	9
5.1.2 Expected foundations approval date	9



1.0 INTRODUCTION

At the Healthcare Information Technology Standards Panel (HITSP) meeting on December 13, 2007, the Panel approved a process to harmonize value sets, information model fragments and similar artifacts and gave responsibility for this process to the HITSP Foundations Harmonization Subcommittee.

The approved process requires two points of formal notification of all HITSP member standards organizations. First, the Subcommittee is to notify standards organizations and the entire membership of its intent to initiate a harmonization project and a call for participation by standards organization representatives. This notice will announce a project organizational meeting to determine level of interest and to elect a project leader.

The second notice follows successful completion of the harmonization project to alert standards organizations of the Subcommittee's intent to approve and publish the harmonized value set or information model fragment for use in all HITSP constructs. This initiates a 60 day comment period during which standards organizations may provide negative comments for the subcommittee to consider and resolve. Following resolution, which may require a vote of member standards organizations if all negatives are not resolved, the Subcommittee will advise the Panel for its final review.

The subcommittee will provide periodic notices of intent to **Initiate a New Project** and to **Publish a New Value Set or Artifact**. This is the third notice.

For more detailed information on the Subcommittee's processes and policies please go to:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fHealthcare%20Informatics%20Technology%20Standards%20Panel%2fStandardization%20Committees%2fFoundations&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>

All harmonized work products are available in the Foundations folder on HITSP.org according to their status.



2.0 INTENT TO INITIATE HARMONIZATION PROJECTS

This section describes harmonization projects and a call for participation by standards organization representatives. For each project, there will be a project organizational meeting to determine the level of interest and to elect a project leader. There are two proposed projects.

2.1 ADMINISTRATIVE/FINANCIAL/CLINICAL TERMINOLOGIES RECONCILIATION

- Object is to identify where there are overlaps between administrative, financial and clinical models and vocabulary, prioritize based on HITSP use, and harmonize as possible
- Bob Davis (X12) has volunteered to convene the working group.

2.2 DATA ELEMENT RECONCILIATION

- Objective is to identify where there are overlapping HITSP "templates" (e.g. across HL7/IHE/HITSP, within an SDO), prioritize, and harmonize. Templates are specific forms of data modules in HITSP/C83 based on CDA but it is the intent of the Data Architecture Tiger Team and subsequently the Care Management and Health Record Technical Committee to expand data modules beyond CDA documents, e.g., to messages and to other SDOs, such as X12 implementation guides.
- Bob Dolin will convene this working group.

All SDOs with interest in either or both areas should sign up for initial meeting announcements. The initiating call for both groups will take place during the regularly scheduled HITSP Foundations Harmonization subcommittee teleconference on **June 24**. We anticipate work occurring during the bi-weekly call until completion of the Tiger Team work for ARRA support in mid July. To sign up, please contact **Michelle Maas Deane (mmaasdeane@ansi.org)**.



3.0 INTENT TO PUBLISH FOR COMMENT

This section describes harmonization projects that have been completed and approved by the Subcommittee. This artifact is now available for a 60 day comment period by HITSP member SDOs or other interested parties. Following comment resolution, it is the intent of the Subcommittee to see Panel approval and to publish the harmonized value set and information model fragment for use in all HITSP constructs.

The Subcommittee has no new artifacts currently ready to be published for comment.



4.0 FINAL APPROVAL AND PUBLICATION

The following Value Sets and Information Model fragments have completed a 60 day comment periods and have had all comments resolved. These will be sent to the Panel for final approval and publication at the July meeting.

4.1 PATIENT MARITAL STATUS

Project Sponsor: Bob Davis

4.1.1 OVERVIEW AND SCOPE

The Marital Status value set was developed jointly under a memorandum of understanding between ASC X12 and Health Level Seven and has been approved by both standards organizations. The value set was approved by HITSP Foundations Harmonization process and was distributed to all member standards organizations for a 60 day comment period in July 2009. All comments have been resolved and the Value Set is ready for Panel approval and final publication.

4.1.2 SUMMARY OF VALUE SET

These are the value set members. See the spreadsheet at HITSP.org for full metadata.

SNOMED Code	Code System Fully Specified Name
125725006	Single, never married (finding)
20295000	Divorced (finding)
2326000	Marriage annulment (finding)
3353000	Widowed (finding)
87915002	Married (finding)
13184001	Separated (finding)
430617007	Legaly Separated with Interlocutory Decree (finding)
22187004	Polygamous (finding)
430618002	Domestic partnership (finding)

The marital status value set is available at

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fHealthcare%20Informatics%20Technology%20Standards%20Panel%2fStandardization%20Committees%2fFoundations%2fUp%20for%20Panel%20Approval&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>

4.2 BODY STRUCTURE

Project Sponsor: Bob Dolin



4.2.1 OVERVIEW AND SCOPE

The HITSP Foundations Harmonization Subcommittee has iteratively tested its principles and processes via a “small scale harmonization project”, which comprises a number of relatively small domains. The Body Structure Value Set was selected for inclusion because it represented a very large value site using intensional criteria not enumeration. Body Structure represented an evolution from the original scope: procedure body site.

The value set completed the HITSP Foundations Harmonization process and was distributed to all member standards organizations for a 60 day comment period beginning in July 2009. All comments have been resolved and the Value Set is ready for Panel approval and final publication.

4.2.2 SUMMARY OF VALUE SET

- Description: a superset of body structure codes, from which other more specific body site subsets (e.g. procedure site, administration site, specimen collection site) should be derived. The set is deliberately very broad and encompassing.
- These are the rules for naming body structure values from SNOMED CT (Intensional definition of SNOMED CT codes):
 1. Intensional definition of SNOMED: Any subtype of 123037004 body structure, including those with a post-coordination of laterality (272741003 laterality :: <= 182353008 side); excluding 21229009 topography not assigned and 87100004 topography unknown; excluding status 6 concepts; AND
 2. NCI extensions.

The Body Structure Value Set is available at

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fHealthcare%20Informatics%20Technology%20Standards%20Panel%2fStandardization%20Committees%2fFoundations%2fUp%20for%20Panel%20Approval&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>

4.3 **DEMOGRAPHICS INFORMATION MODEL FRAGMENT PROJECT**

Project Sponsor: Bob Dolin (co-chair)

This is the first model fragment this project to be conducted by the Sub-Committee and is test case for harmonizing an information model fragment. In addition to the general harmonization principles and processes approved by the Panel, the following principles were developed and used for information model fragments:

- When reviewing an SDO model for harmonization, only consider those portions of the model that are within the scope of the identified use cases.



- Where models to be harmonized have the same attribute with different constraints, a harmonized model shall be represented with the broader constraint.
- Where models to be harmonized represent an attribute differently (e.g. date/time datatype), a harmonized model will reflect the more widely used representation.
- A harmonized model is implementation independent (i.e. is not tied to any particular implementation technology).
- Components of a HITSP-recognized Harmonized Information Model include:
 - UML representation.
 - Data dictionary (e.g. per ISO 11179-4 rules) that defines each component.
 - Vocabulary binding rules.
- Uni/bidirectional mapping from a harmonized model to an SDO model is the responsibility of the SDO.

An information model fragment artifact consists of:

1. An information UML model diagram
2. A data dictionary
3. Referenced value sets

4.3.1 OVERVIEW AND SCOPE

The HITSP Foundations Harmonization Subcommittee demographics information model fragment includes Patient Name, Patient Date of Birth, current Marital Status and Sex Structure. The Patient Name and Patient Date of Birth are new data elements included in the model. Marital Status and Sex Structure are previously approved value sets. Please refer to the meta-data and documentation for complete details.

4.3.2 NO COMMENTS WERE RECEIVED DURING THE 60 DAY COMMENT ENDING APRIL 15, 2009.

The Demographics Information Model Fragment is available at <http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fHealthcare%20Informatics%20Technology%20Standards%20Panel%2fStandardization%20Committees%2fFoundations%2fIntent%20to%20Publish&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>



5.0 ONGOING HARMONIZATION PROJECTS

5.1 MEDICATION TERMINOLOGIES HARMONIZATION PROJECT

Project Sponsor: Scott Robertson

5.1.1 OVERVIEW AND SCOPE

- Medication Terminology Harmonization is a multi-part project.
- Defining/describing the ideal state of a medication model and terminology set including identification of the business use cases that have resulted in different terminologies
- Select a segment of this ideal state (some part of the model and corresponding terminology) for detailed mapping/harmonization across the various standards and implementation guides.
 - Potential first segment is Sig (Prescriber Instructions to Patient) - Harmonize the NCPDP Sig with other standards; in particular, harmonization of NCPDP Sig to CCD / CDA is relevant to HITSP specifications.
- Establish a process for ongoing review of the model/terminology relative to new requirements - as they are encountered.
- Continue the process of mapping/harmonization progressively.
- This project is being coordinated with the SCO Summit and federal agencies with interests in medication terminologies

5.1.2 EXPECTED FOUNDATIONS APPROVAL DATE

TBD

