1. Project Name, ID and Products

Emergency Medical Services Domain Analysis Model		Project ID:	
☐	-Non Product Project- (Educ. Marketing, Elec. Services, etc.)	☐	V3 Documents - Knowledge
☐	Arden Syntax	☐	V3 Foundation – RIM
☐	Clinical Context Object Workgroup (CCOW)	☐	V3 Foundation – Vocab Domains & Value Sets
☒	Domain Analysis Model (DAM)	☐	V3 Messages - Administrative
☐	Electronic Health Record (EHR)	☐	V3 Messages - Clinical
☐	V2 Messages – Administrative	☐	V3 Messages - Departmental
☐	V2 Messages - Clinical	☐	V3 Messages - Infrastructure
☐	V2 Messages - Departmental	☐	V3 Rules - GELLO
☐	V2 Messages – Infrastructure	☐	V3 Services – Java Services (ITS Work Group)
☐	V3 Documents – Administrative (e.g. SPL)	☐	V3 Services – Web Services
☐	V3 Documents – Clinical (e.g. CDA)	☐	- New Product Definition-

1.a. Implementation Guide

☐	Implementation Guide?

2. Project Intent

☐	Create new standard	☐	Supplement to a current standard
☐	Revise current standard	☐	Withdraw current standard

2.a. Project Intent - Other

☒ Other (Please Specify):

The intent of this project is to create a domain analysis model for the Emergency Medical Services domain. For the purpose of this project Emergency Medical Services (EMS) are defined as a branch of emergency services dedicated to providing out-of-hospital acute medical care and/or transport to definitive care, to patients with illnesses and injuries which the patient, or the medical practitioner, believes constitutes a medical emergency.

☐ Public Document(s) to be created?

3. Sponsoring Group(s)

Primary Sponsor/Work Group	Clinical Interoperability Council
Co-sponsor Work Group(s)	Patient Care, Emergency Care, PHER
Project Team	**Name and E-mail Address**
Co-Project facilitator	Jay Lyle, Sarah Ryan
Other interested parties	
Multi-disciplinary project team (recommended)	
Modeling facilitator	Abdul Malik Shakir
Publishing facilitator	
Vocabulary facilitator	Sarah Ryan
Domain expert rep	N. Clay Mann, PhD, Greg Mears, MD
Data Analyst facilitator	
Business requirement analyst	Jay Lyle, Sarah Ryan
Requirements process facilitator	

4. Project Scope

The goal of the project is to develop a Domain Analysis Model (DAM) specific to emergency medical service in

the pre-hospital setting. The DAM will be balloted as an informative document and used as a reference in subsequent projects to develop or evaluate ANSI approved specifications and standards within the pre-hospital emergency medical services domain.

5. Project Objectives and Deliverables

This project is the first in a series of planned activities intended to transform the uniform pre-hospital emergency medical services dataset as defined by the United States Department of Transportation National Highway Traffic Safety Administration (NHTSA) into an American National Standard. The objective of this project is to produce a domain analysis model (DAM) for the emergency medical services (EMS) domain that is based upon the uniform pre-hospital emergency medical services dataset and is useful for the purpose of evaluating or deriving ANSI approved specifications and standards within the pre-hospital emergency medical services domain. The deliverable from this project is the EMS DAM, an HL7 informative specification consisting of Use Case specifications, Activity diagrams, Class diagrams, Vocabulary Specifications, and mappings to the HL7 RIM.	May 2010

6. Project Dependencies

	ID

7. Project Approval Dates

Sponsoring Group approval Date	May 14, 2009
Steering Division Approval Date	SD Approval Date
Technical Steering Committee Approval Date	TSC Approval Date
PMO Approval Date	PMO Approval Date

8. Project Plan

8.a. Project Schedule

The project has identified the following milestone activities and target dates:

Milestone	Target Date
1. Define project and obtain project sponsor approval	April 2009
2. Obtain SD and TSC approval	May 2009
3. Develop preliminary Use Case, Activity, and Class diagram portions of the DAM	August 2009
4. Review preliminary DAM model components	September 2009
5. Develop vocabulary specifications and RIM mappings	January 2010
6. Finalize DAM model components	January 2010
7. Conduct informative ballot of the DAM	March 2010
8. Reconcile ballot comments and publish informative document	May 2010

8.b. Project Resources

A major contributor to this effort is the United States Department of Transportation National Highway Traffic Safety Administration (NHTSA). NHTSA publishes the uniform pre-hospital emergency medical services dataset, a consensus based national standard for the EMS industry. The Domain Analysis Model produced in this project will draw heavily from this specification.

The National EMS Information System (NEMSIS) technical assistance center provides technical assistance for the implementation of the dataset and will sponsor much of the activity for this project.

Additional funding is being sought through the Department of Health and Human Services as well as the National Highway Transportation Safety Administration (NHTSA). The project facilitators will apprise the HL7 project office of additional funding should it become available.

8.c. Project Budget

8.d. Ballot Plan - general

☐ Comment Only	☐ Normative
☒ Informative	
☐ DSTU	☐ Joint Ballot (with other SDOs or HL7 Work Groups)

8.e. Ballot Plan for cross-cutting Projects

8.f. Industry Outreach

The National EMS Information System office at the University of Utah will handle all outreach activities.

8.g. Success Criteria

Successful balloting of an informative domain analysis model for the emergency medical services domain.

9. External Project Collaboration and Interested Parties

Collaborating with	Agreement Status	Comments

10. Realm

☒ Universal	☐ Realm Specific (if checked, select from list below)
	☐ US
	☐ Other

11. Roadmap Reference

Check which Roadmap Strategy best relates to your project.
- ☒ 1. Expand, reinvigorate, and streamline HL7's production, processes, technologies and products
- ☐ 2. Evaluate HL7's competitive environment and define HL7's roles, positions and actions
- ☐ 3. Enhance communication and outreach: make HL7 more useable, useful and understandable and share the ideas worldwide
- ☐ 4. Embrace EHR/Electronic Health Record System (ERH-S)/Personal Health Record (PHR) and Public Health Management capabilities as the focal point of technical development of health informatics standards
- ☐ 5. Connect to the clinicians, an essential HL7 community.