2018 TSC Decisions

Updates from the TSC for March 5, 2018

Normative Publication Approvals:
The Normative Publication Request by the Templates WG of the FTSD for HL7 Templates Standard: Specification and Use of Reusable Information Constraint Templates, Release 1 at Project Insight 1043 and TSC Tracker 15151 was approved. This implementation guide describes how templates are specified, registered, used and exchanged, and describes how to exchange template definitions using an Implementable Technology Specification (ITS).

The Normative Publication Request by the Pharmacy WG of the DESD for HL7 Version 3 Standard: Medication Statement and Administration Event, Release 1 at Project Insight 1353 and TSC Tracker 14406 was approved. Assessment scales require a very strict interpretation of the variable and the value set in order to keep the psychometric / clinimetric characteristics intact. In particular these scientific characteristics are based on the population investigated and reveal data on validity (fitness for purpose) and reliability (consistency in measurement). This standard describes the pattern to which an assessment scale should abide to with the purpose of creating a uniform interpretation of the scores of such an assessment scale.

The Normative Publication Request by the InM WG of the FTSD for Abstract Transport Specification, Release 1 at Project Insight 1021 and TSC Tracker 15594 was approved. The Abstract Transport Specification provides models and mechanism for plug and play interoperability.

STU Publication Approvals:
The STU Publication Request by the Public Health WG of the DESD for "HL7 CDA® R2 Implementation Guide: Reportability Response, Release 1 STU Release 1.0 - US Realm at Project Insight 1216 and TSC Tracker 14418 was approved. The purpose of this implementation guide (IG) is to specify a standard for a response document for a public health electronic Initial Case Report (HL7 eICR v1.1) using HL7 Version 3 Clinical Document Architecture (CDA), Release 2 format.

The STU Publication Request by the Structured Docs WG of the SSD-SD for HL7 FHIR Profile: C-CDA, Release 1 at Project Insight 1122 and TSC Tracker 14417 was approved. This Implementation Guide (IG) defines a series of FHIR profiles on the Composition resource to represent the various document types in C-CDA.

The STU Publication Request by the Public Health WG of the DESD for HL7 Version 2.6 Implementation Guide: Vital Records Birth and Fetal Death Reporting, Release 1 STU Release 2 at Project Insight 816 and TSC Tracker 15150 was approved. This document provides a technical messaging specification for transmitting birth and fetal death related information using the HL7 Version 2.6 ADT Update Patient Information.

STU Publication Extension Requests:
The STU Extension Request by the Public Health WG of the DESD for HL7 CDA® R2 IG: Reporting to Public Health Cancer Registries from Ambulatory Healthcare Providers, R1, DSTU Release 1.1 - US Realm at Project Insight 1069 and TSC Tracker 14352 was approved for 1 year.
The STU Extension Request from the Structured Docs WG of the SSD-SD for HL7 Implementation Guide for CDA® Release 2: Digital Signatures and Delegation of Rights, Release 1 at Project Insight 1005 and TSC Tracker 14462 was approved for two years.

The STU Extension Request by the Public Health WG of the DESD for HL7 CDA Implementation Guide for Ambulatory Healthcare Reporting to Birth Defect Registries at Project Insight 1112 and TSC Tracker 15537 was approved for one year.

The STU Extension Request by the OO WG of the SSD-SD for HL7 Version 3 Specification: Ordering Service Interface, Release 1 at Project Insight 1010 and TSC Tracker 15595 was approved for one year.

Project Approvals:
The Project Approval Request from the EHR WG of the SSD-SD for EHR System Functional Model Release 2.1 at Project Insight 1381 and TSC Tracker 14325 was approved. This will be an incremental update to existing Electronic Health Record System Functional Model (EHR-S FM) Release 2.

The Project Approval Request by the BR&R WG of the DESD for FHIR resources to support IDMP 11615 Product Standard at Project Insight 1367 and TSC Tracker 14406 was approved.

The Project Approval Request from the Arden Syntax WG of the SSD-SD for Clinical Decision Support Big Picture Implementation Guide at Project Insight 1175 and TSC Tracker 14460 was approved. The purpose of this IG is to fulfill that need by showing how various standards fit in an overall CDS strategy.

The Project Approval Request by the Structured Documents WG of the SSD-SD for International Patient Summary (IPS) Implementation Guides at Project Insight 1087 and TSC Tracker 15153 was approved. The goal of this project is to identify the required clinical data with associated vocabulary bindings and value sets for patient summary, in the context of specific use cases, and to build international implementation guides and associated templates based on HL7 CDA R2 (or a future CDA release) and FHIR resource profiles, with value sets to support data elements within those templates and profiles.

The Project Approval Request by the FHIR-I WG of the FTSD for Structured Data Capture Update (SDC) at Project Insight TBD and TSC Tracker 15155 was approved. This project will involve updating the existing Structured Data Capture (SDC) Implementation Guide.

The Project Approval Request by the InM WG of the FTSD for Reaffirmation of HL7 Version 3 Standard: Infrastructure Management, Control Act, Query and Transmission Release 1.1 at Project Insight 1388 and TSC Tracker 15156 was approved.

The Project Approval Request by the InM WG of the FTSD for Reaffirmation of Master File/Registry Infrastructure R1 at Project Insight 1185 and TSC Tracker 15157 was approved.

The Project Approval Request by the InM WG of the FTSD for Reaffirmation of HL7 Version 3 Standard: Transport Specifications - MLLP at Project Insight 1386 and TSC Tracker 15538 was approved.

Other Approvals:
The Dissolution Request for the FHIR Governance Board at TSC Tracker 15147 was approved.

The Recirculation Request by the EHR WG of the SSD-SD for HL7 EHRS-FM Release 2 Functional Profile: 2015 Meaningful Use, Release 2 – US Realm Project Insight 1261 and TSC Tracker 15148 was approved.
Updates from the TSC for April 11, 2018:

**Normative Publication Approvals:**
The Normative Publication Request by the Patient Care WG of the DESD for HL7 Version 3 Standard: Care Provision; Assessment Scales, Release 1 at Project Insight 664 and TSC Tracker 15661 was approved. This standard describes the pattern to which an assessment scale should abide to with the purpose of creating an uniform interpretation of the scores of such an assessment scale.

**STU Publication Approvals:**
The Unballoted STU Update publication request from the Public Health WG of the DESD for HL7 Version 2.6 Implementation Guide: Vital Records Death Reporting, Release 1.1 STU Release" at Project Insight 1208 and TSC Tracker 15836 was approved. The changes were based on STU comments posted on the HL7 site. The changes to be made were determined after discussion with the Workgroup. The updated document for dot release was posted on the HL7 website (members only section) and has been approved by the Workgroup.

**Informative Publication Approvals:**
The Informative Publication Request by the CIC WG of the DESD for HL7 Domain Analysis Model: THEMES (Terminology Harmonization in Exercise Medicine and Exercise Science) Framework, Release 1 at Project Insight 1246 and TSC Tracker 15835 was approved. The THEMES (Terminology Harmonization in Exercise Medicine and Exercise Science) project developed a Domain Analysis Model that addresses major concept, data elements, and data interoperability barriers that have impeded the use of physical activity and exercise outcomes in translational research and in clinical applications.

**Project Approvals:**
The Project Approval Request by the Structured Documents WG of the SSD-SD for HL7 CDA® R2 Implementation Guide: C-CDA R2.1 Supplemental Templates for Pregnancy Status, Release 1 - US Realm at Project Insight 1398 and TSC Tracker 15662 was approved. This work covers the analysis, design, development, balloting, and publication of supplemental optional pregnancy status templates to the C-CDA IG Standard for Trial Use (STU). The project will also explore needs for FHIR resources, profiles, and / or extensions to accommodate pregnancy status information and develop appropriate FHIR artifacts as identified.

The Project Approval Request from the Pharmacy WG of the DESD for US Medications Implementation Guide Update – Prescription Drug Monitoring Program at Project Insight 1393 and TSC Tracker 15663 was approved. This project plans to give guidance on using FHIR for application developers to connect with and exchange information with Prescription Drug Monitoring systems.

The Project Approval Request by the Attachments WG of the DESD for Guidance on Implementation of Standard Electronic Attachments for Health Care Transactions (ACP) at Project Insight 1389 and TSC Tracker 15152 was approved. his Joint ASC X12, WEDI and HL7 Informative white paper is focused on the business and operational processes of exchanging additional information (Attachments) using the HL7 standards for clinical information and the X12 transaction sets for requesting and receiving the additional information.

The Project Approval and Normative Notification by the CIC WG of the DESD for HL7 CDA® R2 Implementation Guide: Trauma Registry Data Submission, Release 2 at Project Insight 1311 and TSC Tracker 15718 was approved.

The Project Approval Request by the Public Health WG of the DESD for HL7 V 2.5.1 Implementation Guide for Syndromic Surveillance as a Standard for Trial Use at Project Insight 1401 and TSC Tracker
Project Approval Request by the CIC WG of the DESD for Breast Cancer Modeling and FHIR Profile Development at Project Insight 1363 and TSC Tracker 15761 was approved. This project will work with a diverse community of clinical subject matter experts (Physicians, Nurses and Researchers) to collaboratively define logical models relevant to diagnosis, Treatment and Research for Breast Cancer. FHIR Profiles, FHIR Extensions and Implementation Guides will be the final deliverable work-products.

Project Approval Request by the Conformance WG of the FTSD for Creating and Managing Data Type Flavors in HL7 v2.x Specifications at Project Insight 1397 and TSC Tracker 15804 was approved. Currently, the various V2.x implementation guides create data type flavors independently, using their own style and naming conventions. Because of lack of coordination among the v2 authors, duplicate data type flavor definitions (in terms of requirements) are created with inconsistent naming conventions. This is problematic since the same requirements are being specified but in a different manner. This project aims to create a repository (library) of reusable documented data type flavors with consistent specifications and naming conventions.

Project Approval Request by the Attachments WG of the DESD for HL7 CDA® R2 Orthodontic Attachment Implementation Guide, Release 1 – US Realm at Project Insight 1402 and TSC Tracker 15762 was approved. This project will create an Orthodontic Attachment Implementation Guide based on C-CDA R2.1 and prior content in the Periodontal Attachment IG STU. This guide is to convey information about substantiating claims for orthodontic related services.

Withdrawal Approvals:
The Withdrawal Request from the Structured Documents WG of the SSD-SD for V3 Medical Records, R1 at Project Insight N/A and TSC Tracker 14419 was approved. The workgroup is unaware of any implementations of this standard. It was originally developed by the Medical Records work group, which has subsequently shut down.

Other Approvals:

The Normative Notification by the ITS WG of the FTSD for HL7 Cross-Paradigm Specification: Neutral Mapping Notation, Release 1 at Project Insight 1237 and TSC Tracker 15720 was approved.

An Updated Project Scope Statement Template at TSC Tracker 15768 was approved.

The V2 Management Group Mission and Charter was approved.

Updates from the TSC for May 8, 2018

Normative Publication Approvals:
The Normative Publication Request by the EHR WG of the Administrative SD for HL7 EHRS-FM Release 2
Functional Profile: Meaningful Use 2015 Edition at Project Insight 1261 and TSC Tracker 15949 was approved. The HL7 Meaningful Use 2015 Edition Functional Profile (MU FP) conforms to the HL7 EHR-S FM Release 2.01 and identifies functional requirements and conformance criteria corresponding to US Meaningful Use 2015 Edition EHR Incentive Program certification criteria and Test Procedures. The MU FP may be useful in the design, development, procurement, inspection, testing and/or certification of EHR systems, with reference to the US Meaningful Use 2015 Edition EHR Incentive Program. The MU FP is targeted for use in the US Realm.

**STU Approvals:**
The STU Extension/Unballoted STU Update Request from the CDS WG of the Clinical SD for HL7 Implementation Guide: Decision Support Service, Release 1 at Project Insight 1018 and TSC Tracker 15950 was approved.

The Unballoted STU Update Request by the CDS WG of the Clinical SD for HL7 Version 3 Standard: Clinical Decision Support; Virtual Medical Record (vMR) Templates, Release 1 at Project Insight 1030 and TSC Tracker 15951 was approved.

The STU Extension Request by the Public Health WG of the Clinical SD for HL7 CDA® R2 Implementation Guide: Public Health Case Report, Release 2: the Electronic Initial Case Report (eICR), Release 1, STU Release 1.1 - US Realm at Project Insight 1216 and TSC Tracker 15952 was approved for one year. Initial implementations of eICR Release 1.1 are underway and additional learnings are expected that will lead to comments to be considered for a next version of the IG.

**Project Approvals:**
The Project Approval Request by the CIC WG of the Clinical SD for Common Clinical Registry Framework: Core Data Elements for Registry Interoperability at Project Insight 1391 and TSC Tracker 15953 was approved. This project will identify and define a set of common clinical data elements (CDEs) that are generalizable across most clinical registries. For the purposes of this project, by CDEs we mean clinical data elements that are expected to be used in most registries.

**Other Approvals:**
The WG Dissolution Request by the Healthcare Standards Integration WG was approved.

An updated Specification Withdrawal Template at TSC Tracker 16014 was approved.

An updated Publication Request Template at TSC Tracker 16013 was approved.

Updates from the TSC for June 22, 2018

**STU Publication Approvals:**
The STU Publication Request by the OO WG of the ASD for HL7 Version 2.5.1 Implementation Guide: S&I Framework Laboratory Test Compendium Framework (eDOS) R2, STU Release 3 - US Realm at Project Insight 973 and TSC Tracker 17286 was approved. This is a master file framework Implementation Guide (IG)
for the electronic delivery of a laboratory’s Directory of Service (eDOS) to all providers that order lab work including electronic health record systems (EHRs), laboratory information systems (LIS), and others. This provides the mechanisms to provide initial Directory of Services and periodic updates leveraging the HL7 standard and electronic transmissions.

The [STU Publication Request](#) by the OO WG of the ASD for "HL7 Version 2.5.1 Implementation Guide: Laboratory Orders (LOI) from EHR, Release 1, STU Release 3 - US Realm" at [Project Insight 922](#) and [TSC Tracker 17287](#) was approved. This provides guidance on how to apply Version 2.5.1 of the standard, and select pre-adopted capabilities through Version 2.8.2, to the exchange of laboratory orders from the EHR to the receiving laboratory in an ambulatory setting.

The [STU Publication Request](#) by the OO WG of the ASD for "HL7 Version 2.5.1 Implementation Guide: Laboratory Results Interface (LRI), Release 1, STU Release 3 - US Realm" at [Project Insight 1294](#) and [TSC Tracker 17288](#) was approved. This guide provides guidance on how to communicate laboratory results in general from a (reference) Laboratory’s LIS to a system interested in lab results, e.g., EHR, Public Health, other Laboratory.

The [STU Publication Requests](#) by the OO WG of the ASD for HL7 Version 2 Implementation Guide: Laboratory Value Set Companion Guide, Release 2 – US Realm at [Project Insight 973](#) and [TSC Tracker 17289](#) was approved. This guide is intended to be a companion guide of the Electronic Directory of Service (eDOS) and Laboratory Results Interface (LRI) IGs that share a common Value Set guide.

The [STU Publication Request](#) by the Mobile Health WG of the ISD for HL7 Consumer Mobile Health Application Functional Framework (cMHAFF), Release 1 at [Project Insight 1182](#) and [TSC Tracker 17290](#) was approved. The primary goals of cMHAFF are to provide a standard against which a mobile app’s foundational characteristics -- including but not limited to security, privacy, data access, data export, and transparency/disclosure of conditions -- can be assessed.

**Normative Notification Approvals**

The [Normative Notification](#) by the Public Health WG of the CSD for HL7 Version 2.6 Implementation Guide for the Messaging of Early Hearing Detection and Intervention (EHDI) at [Project Insight 898](#) [Project Insight 898](#) and [TSC Tracker 17291](#) was approved.

The [Normative Notification](#) by the Public Health WG of the CSD for HL7 Version 2.6 Implementation Guide for the Messaging of Newborn Screening using pulse oximetry devices for Critical Congenital Heart Defects (CCHD) at [Project Insight 897](#) and [TSC Tracker 17292](#) was approved.

The [Normative Notification](#) by the Public Health WG of the CSD for Vital Records Death Reporting V2.6 at [Project Insight 1208](#) [Project Insight 897](#) and [TSC Tracker 17295](#) was approved.
**Project Approvals:**

The [Project Approval Request](#) by the Pharmacy WG of the CSD for *Medication Knowledge and Medication Logical Model - FHIR* at [Project Insight 1409](#) and [TSC Tracker 16234](#) was approved. This project will define a medication knowledge resource to support the creation and querying for medication information e.g. drug classifications, images of medications, drug costs.

The [Project Approval Request](#) by the SOA WG of the ISD for *HL7 Cloud Planning Guide* at [Project Insight 1223](#) [Project Insight 897](#) and [TSC Tracker 17293](#) was approved. This project will develop an informative document establishing an HL7 point-of-view as to how and where HL7 standards can and should be applied as organizations are considering migration of their HIT into cloud environments.

The [Project Approval Request](#) by the Structured Docs WG of the ISD for *CDA XSL update for CDA Release 2.1* at [Project Insight 1421](#) and [TSC Tracker 17339](#) was approved. This project will yield an updated CDA XSL compatible with CDA R2.1 and R2.0.

The [Project Approval Request](#) by the CDS WG of the CSD for *FHIR Resources for Evidence-Based Medicine Knowledge Assets (EBMonFHIR)* at [Project Insight 1422](#) and [TSC Tracker 17340](#) was approved. The project will gather input from broad communities producing, analyzing, synthesizing, disseminating and implementing clinical research (evidence) and recommendations for clinical care (clinical practice guidelines) to determine the data exchange needs for interoperable knowledge assets in these realms.

**Other Approvals:**

The TSC approved updates to the generic [Product Family Mission and Charter template](#).

The TSC approved the [WG Merge Request](#) for the Clinical Statement WG to merge with the Orders and Observations WG.

Updates from the TSC for May 8, 2018

**Normative Publication Approvals:**

The [Normative Publication Request](#) by the EHR WG of the Administrative SD for *HL7 EHR-S-FM Release 2 Functional Profile: Meaningful Use 2015 Edition* at [Project Insight 1261](#) and [TSC Tracker 15949](#) was approved. The HL7 Meaningful Use 2015 Edition Functional Profile (MU FP) conforms to the HL7 EHR-S FM Release 2.01 and identifies functional requirements and conformance criteria corresponding to US Meaningful Use 2015 Edition EHR Incentive Program certification criteria and Test Procedures. The MU FP may be useful in the design, development, procurement, inspection, testing and/or certification of EHR systems, with reference to the US Meaningful Use 2015 Edition EHR Incentive Program. The MU FP is targeted for use in the US Realm.

**STU Approvals:**

The [STU Extension/Unballoted STU Update Request](#) from the CDS WG of the Clinical SD for HL7
Implementation Guide: Decision Support Service, Release 1 at Project Insight 1018 and TSC Tracker 15950 was approved.

The Unballoted STU Update Request by the CDS WG of the Clinical SD for HL7 Version 3 Standard: Clinical Decision Support; Virtual Medical Record (vMR) Templates, Release 1 at Project Insight 1030 and TSC Tracker 15951 was approved.

The STU Extension Request by the Public Health WG of the Clinical SD for HL7 CDA® R2 Implementation Guide: Public Health Case Report, Release 2: the Electronic Initial Case Report (eICR), Release 1, STU Release 1.1 - US Realm at Project Insight 1216 and TSC Tracker 15952 was approved for one year. Initial implementations of eICR Release 1.1 are underway and additional learnings are expected that will lead to comments to be considered for a next version of the IG.

Project Approvals:
The Project Approval Request by the CIC WG of the Clinical SD for Common Clinical Registry Framework: Core Data Elements for Registry Interoperability at Project Insight 1391 and TSC Tracker 15953 was approved. This project will identify and define a set of common clinical data elements (CDEs) that are generalizable across most clinical registries. For the purposes of this project, by CDEs we mean clinical data elements that are expected to be used in most registries.

Other Approvals:
The WG Dissolution Request by the Healthcare Standards Integration WG was approved.

An updated Specification Withdrawal Template at TSC Tracker 16014 was approved.

An updated Publication Request Template at TSC Tracker 16013 was approved.

Updates from the TSC for June 22, 2018

STU Publication Approvals:
The STU Publication Request by the OO WG of the ASD for HL7 Version 2.5.1 Implementation Guide: S&I Framework Laboratory Test Compendium Framework (eDOS) R2, STU Release 3 - US Realm" at Project Insight 973 and TSC Tracker 17286 was approved. This is a master file framework Implementation Guide (IG) for the electronic delivery of a laboratory’s Directory of Service (eDOS) to all providers that order lab work including electronic health record systems (EHRs), laboratory information systems (LIS), and others. This provides the mechanisms to provide initial Directory of Services and periodic updates leveraging the HL7 standard and electronic transmissions.

The STU Publication Request by the OO WG of the ASD for "HL7 Version 2.5.1 Implementation Guide: Laboratory Orders (LOI) from EHR, Release 1, STU Release 3 - US Realm at Project Insight 922 and TSC Tracker 17287 was approved. This provides guidance on how to apply Version 2.5.1 of the standard, and
select pre-adopted capabilities through Version 2.8.2, to the exchange of laboratory orders from the EHR to the receiving laboratory in an ambulatory setting.

The STU Publication Request by the OO WG of the ASD for "HL7 Version 2.5.1 Implementation Guide: Laboratory Results Interface (LRI), Release 1, STU Release 3 - US Realm' at Project Insight 1294 and TSC Tracker 17288 was approved. This guide provides guidance on how to communicate laboratory results in general from a (reference) Laboratory's LIS to a system interested in lab results, e.g., EHR, Public Health, other Laboratory.

The STU Publication Request by the OO WG of the ASD for HL7 Version 2 Implementation Guide: Laboratory Value Set Companion Guide, Release 2 – US Realm at Project Insight 973 and TSC Tracker 17289 was approved. This guide is intended to be a companion guide of the Electronic Directory of Service (eDOS) and Laboratory Results Interface (LRI) IGs that share a common Value Set guide.

The STU Publication Request by the Mobile Health WG of the ISD for HL7 Consumer Mobile Health Application Functional Framework (cMHAFF), Release 1 at Project Insight 1182 and TSC Tracker 17290 was approved. The primary goals of cMHAFF are to provide a standard against which a mobile app’s foundational characteristics -- including but not limited to security, privacy, data access, data export, and transparency/disclosure of conditions -- can be assessed.

Normative Notification Approvals
The Normative Notification by the Public Health WG of the CSD for HL7 Version 2.6 Implementation Guide for the Messaging of Early Hearing Detection and Intervention (EHDI) at Project Insight 898 Project Insight 898 and TSC Tracker 17291 was approved.

The Normative Notification by the Public Health WG of the CSD for HL7 Version 2.6 Implementation Guide for the Messaging of Newborn Screening using pulse oximetry devices for Critical Congenital Heart Defects (CCHD) at Project Insight 897 and TSC Tracker 17292 was approved.

The Normative Notification by the Public Health WG of the CSD for Vital Records Death Reporting V2.6 at Project Insight 1208 Project Insight 897 and TSC Tracker 17295 was approved.

Project Approvals:
The Project Approval Request by the Pharmacy WG of the CSD for Medication Knowledge and Medication Logical Model - FHIR at Project Insight 1409 and TSC Tracker 16234 was approved. This project will define a medication knowledge resource to support the creation and querying for medication information e.g. drug classifications, images of medications, drug costs.
The Project Approval Request by the SOA WG of the ISD for HL7 Cloud Planning Guide at Project Insight 1223 and Project Insight 897 and TSC Tracker 17293 was approved. This project will develop an informative document establishing an HL7 point-of-view as to how and where HL7 standards can and should be applied as organizations are considering migration of their HIT into cloud environments.

The Project Approval Request by the Structured Docs WG of the ISD for CDA XSL update for CDA Release 2.1 at Project Insight 1421 and TSC Tracker 17339 was approved. This project will yield an updated CDA XSL compatible with CDA R2.1 and R2.0.

The Project Approval Request by the CDS WG of the CSD for FHIR Resources for Evidence-Based Medicine Knowledge Assets (EBMonFHIR) at Project Insight 1422 and TSC Tracker 17340 was approved. The project will gather input from broad communities producing, analyzing, synthesizing, disseminating and implementing clinical research (evidence) and recommendations for clinical care (clinical practice guidelines) to determine the data exchange needs for interoperable knowledge assets in these realms.

Other Approvals:
The TSC approved updates to the generic Product Family Mission and Charter template.

The TSC approved the WG Merge Request for the Clinical Statement WG to merge with the Orders and Observations WG.

Updates from the TSC for August 1, 2018

Normative Publication Approvals
The Normative Publication Request by the CDS WG of the Clinical SD for HL7 Version 3 Standard: Decision Support Service Release 2, Normative Standard Release 1 at Project Insight 1015 and TSC Tracker 17369 was approved. This specification is an update to the Decision Support Service Release 1 standard. Compared to Release 1 of the standard, the main update is the addition of a Representational State Transfer (REST) Web service interface to the existing SOAP Web service interface.

The Normative Publication Request by the CDS WG of the Clinical SD for HL7 Version 3 Standard: Virtual Medical Record for Clinical Decision Support (vMR-CDS) Logical Model, Normative Standard Release 2 at Project Insight 1017 and TSC Tracker 17370 was approved. This standard specifies a data model for representing clinical data relevant to clinical decision support.

The Normative Publication Request by the MnM WG of the ISD for HL7 Version 3 Standard: Core Principles and Properties of V3 Models at Project Insight 1152 and TSC Tracker 17544 was approved. This document establishes a much more precise expression of the rules and relationships that make up the HL7 V3
development methodology and aids in understanding the models on which V3 is based, their relationships and their integrity.

**STU Publication Approvals:**
The **STU Publication Request** by the Structured Docs WG of the Infrastructure SD for **HL7 CDA R2 Implementation Guide: C-CDA R2.1 Supplemental Templates for Nutrition, Release 1** at [Project Insight 1371](#) and [TSC Tracker 17417](#) was approved for one year. This document describes constraints on the Clinical Document Architecture Release 2 (CDA R2) header and body elements that are derived from requirements set forth by the Academy of Nutrition and Dietetics Nutrition Care Process and Health Level Seven (HL7) stakeholder workgroups.

The **STU Publication Request** by the CQI WG of the CSD for **HL7 FHIR® Profile: Quality, Release 1 - US Realm** at [Project Insight 1125](#) and [TSC Tracker 17494](#) was approved. The QI Core Implementation Guide defines a set of FHIR profiles with extensions and bindings needed to create interoperable, quality-focused applications.

The **STU Publication Request** by the CQI WG of the CSD for **HL7 Version 3 Implementation Guide: Clinical Quality Language (CQL)-based Health Quality Measure Format (HQMF) - Release 1, US Realm STU 3** at [Project Insight 1142](#) and [TSC Tracker 17546](#) was approved. The STU 3 includes balloted changes that guide how to implement CQL within the HQMF structure, including a new Terminology section and vocabulary management. Changes include the use of direct referenced codes rather than require value sets for all data elements.

**Informative Publication Approvals:**
The **Informative Publication Request** by the CQI WG of the Clinical SD for **HL7 CDA® R2 Implementation Guide: Supplemental QRDA Clinical Quality Data Sharing User Guide, Release 1** at [Project Insight 1215](#) and [TSC Tracker 17416](#) was approved. This document was designed after there were suggestions and comments that QRDA documents are sometimes used for sharing information and not only for actual reporting to an agency. Therefore, the WG wanted to discuss the possible use cases and contexts where QRDA might be used for data sharing.

The **Informative Publication Request** by the Clinical Genomics WG of the CSD for **HL7 Domain Analysis Model: Clinical Genomics, R1** at [Project Insight 1254](#) and [TSC Tracker 17493](#) was approved. The HL7 Domain Analysis Model: Clinical Genomics features use cases key to personalized genomic medicine and translational research, including more typical scenarios for testing of a person’s inherited or germline genome, cancer genomics/ tumor profiling, early childhood developmental delay, neonatal testing, and newborn screening.
Project Approvals:
The Project Approval Request by the Public Health WG of the Clinical SD for Bidirectional Services eReferrals (BSeR) at Project Insight 1423 and TSC Tracker 17418 was approved. This project will develop the data requirement specifications for: 1) common patient referral data, 2) program specific patient referral data, 3) patient status data to return to clinical care from the services programs, and 4) the types of transactions needed to support.

The Project Approval Request by the Attachments WG of the Administrative SD for Attachments Frequently asked Questions (FAQ) living document at Project Insight 1415 and TSC Tracker 17372 was approved. The goal of this project is to create an updated Attachments FAQ document. It will be assembled to share information in anticipation of the potential requirements to be published in the Administrative Simplification; Health Care Claims Attachments (CMS-0053-P) proposed rule.

The Project Approval Request by the Financial Management WG of the Administrative SD for FHIR Implementation Guide for Coverage Requirements Discovery at Project Insight 1428 and TSC Tracker 17371 was approved. The goal of this project is to give providers real-time access to payer approval requirements, documentation, and rules at point of service to reduce provider burden and support treatment planning.

The Project Approval Request by the CQI WG of the Clinical SD for HL7 CDA R2 Implementation Guide: Gaps in Care Reporting at Project Insight 1427 and TSC Tracker 17470 was approved. The scope of this project is to define a common set of data elements and a canonical representation for a ‘gap in care’ report. A gap in care report is a patient or list level (multiple patient summary level) report containing data identifying individual patient(s), the quality measure(s) being evaluated, the current compliance status of the patient with regards to that measure.

The Project Approval Request by the BR&R WG of the CSD for BRIDG Model Update at Project Insight 1310 and TSC Tracker 17490 was approved. The BRIDG Model has added new semantics since the last ballot, in support of NCI, DICOM & IHE’s Anatomic Pathology Structured Report (APSR) Harmonization project, some specimen-related semantics from the BRIDG/Specimen DAM harmonization, and a few ballot comment reconciliation changes from the previous ballot.

The Project Approval Request by the Public Health WG of the CSD for Vital Records Domain Analysis Model Specification Mapping at Project Insight 1432 and TSC Tracker 17491 was approved. This project will develop and establish a procedure for on-going maintenance of a mapping between the published VR DAM Release 2 and each of the developing exchange specifications for the Vital Records standards.
The **Project Approval Request** by the CBCP WG of the CSD for *Electronic Long-Term Services and Supports (eLTSS) Service Plan* at Project Insight 1431 and TSC Tracker 17492 was approved. The project aims to enable electronic data-level interoperability and exchange of data reflected on the person-centered service plans.

The **Project Approval Request** by the CQI WG of the CSD for "FHIR Implementation Guide for Data Exchange for Quality Measures* at Project Insight 1429 and TSC Tracker 17545 was approved. This project will provide a uniform standard for Data Exchange for Quality Measurement to meet quality utilization, care management, and quality measurement reporting.

**Withdrawal Requests:**
The **Withdrawal Request** by the CQI WG of the Clinical SD for *HL7 Informative Document: A Framework for Standards to Report Quality Measures, Release 1 - US Realm* at Project Insight 1039 and TSC Tracker 17418 was approved.

Updates from the TSC for September 27, 2018

**STU Publication/Extension Approvals:**
The **STU Publication Request** by the CDS WG of the Clinical SD for *HL7 Cross-Paradigm Specification: Clinical Quality Language, Release 1* at Project Insight 1108 and TSC Tracker 17883 was approved.

The **STU Extension Request** from the Public Health WG for *HL7 Version 2.6 Implementation Guide: Vital Records Death Reporting, Release 1 STU Release 2.1* at Project Insight 1208 and TSC Tracker 17626 was approved for one year.

The **STU Extension Request** by the Public Health WG of the Clinical SD for *HL7 Version 2.6 Implementation Guide: Vital Records Death Reporting, Release 1 STU Release 2.1* at Project Insight 1208 and TSC Tracker 17626 was approved for one year. The Clinical Quality Language Specification defines a representation for the expression of clinical knowledge that can be used within both the Clinical Decision Support (CDS) and Clinical Quality Measurement (CQM) domains. This 1.3 release adds support for Date and Ratio types, refinements on date/time comparison semantics and complex-type equality, a new Expand operator to enhance support for sets of intervals, continued alignment with the FHIRPath specification, as well as numerous fixes and clarifications.

**Informative Publication Approvals:**
The **Informative Publication Request** by the Patient Care WG of the Clinical SD for *HL7 Cross Paradigm Specification: Allergy and Intolerance Substance Value Set(s) Definition, Release 1* at Project Insight 1272 and TSC Tracker 17674 was approved. This document describes a value set for use in identifying substances
of concern for patients with allergies and intolerances. The list was generated by surveying existing records from large systems for common substances.

The Informative Publication Request by the BR&R WG of the Clinical SD for BRIDG R4 at Project Insight 1310 and TSC Tracker 17739 was approved. The BRIDG Model is the result of a collaborative effort between CDISC, HL7, ISO, the US FDA, and the US NCI to build a Domain Information Model for Biomedical Research. The goal of the BRIDG Model is to produce a shared view of the dynamic and static semantics for the domain of basic, pre-clinical, clinical, and translational research and its associated regulatory artifacts.

**Project Approvals:**

The Project Approval Request from the BR&R WG for Common Data Model Harmonization for Research - FHIR Implementation Guide at Project Insight 1424 and TSC Tracker 17582 was approved. This project intends to harmonize the different models used to manage research data to the BRIDG conceptual model and create mappings. The gaps found during the mappings will be added to the BRIDG model. The project will create and update FHIR profiles which can be used to represent the data, update the DAF-Research IG, and update the data extraction and transformation processes within DAF-Research to use the various profiles.

The Project Approval Request from the BR&R WG for HL7 FHIR® Implementation Guide: Women’s Health Technology Coordinated Registry Network (CRN), Release 1 at Project Insight 1426 and TSC Tracker 17618 was approved. From a standards perspective, the project will outline the mechanisms that can be used to capture and exchange common or core data elements related to women’s health collected as part of the clinical care delivery eco-system.

The Project Approval Request by the BR&R WG of the InfraSD for Patient Reported Outcomes at Project Insight 1433 and TSC Tracker 17646 was approved. The aim of this project is to standardize electronic capture and exchange or PRO data in clinical and research settings. Specifically the project will develop and/or improve profiles for a number of FHIR resources.

The Project Approval Request by the CDS WG of the Clinical SD for Contextualized Potential Drug-Drug Interaction Clinical Decision Support at Project Insight 1405 and TSC Tracker 17673 was approved. This project seeks to develop an implementation guide for potential drug-drug interaction (PDDI) clinical decision support (CDS). The implementation guide will specify both a knowledge representation format for PDDI logic and CDS services for PDDI with electronic health record (EHR) systems.

The Project Approval Request by the CDA Management Group for Collaborative C-CDA R2.1 Template Review at Project Insight TBD and TSC Tracker 17701 was approved. This project will explore a cross-
workgroup collaboration model that establishes a way to perform detailed review of C-CDA R2.1 templates in order to identify issues and document change requirements that will improve the C-CDA templates and align them with ongoing FHIR resources.

**Other Approvals:**

ARB Definition of External Content

ARB - Process for Evaluating HL7 Appropriate Projects

**Normative Publication Approvals:**

The Normative Publication Request by the CIC WG of the Clinical SD for HL7 CDA® R2 Implementation Guide: Trauma Registry Data Submission, Release 2 - US Realm at Project Insight 1311 and TSC Tracker 19347 was approved. This document provides data to support submission from providers to the American College of Surgeons’ National Trauma Data Bank.

The Normative Publication Request by the Vocabulary WG of the Infrastructure SD for Characteristics of a Formal Value Set Definition, Release 1 at Project Insight 1047 and TSC Tracker 19586 was approved. This document describes the data elements that formally define and characterize (describe) how to create an HL7 conformant value set.

The Normative Publication Request by the OO WG of the Administrative SD for HL7 Cross-Paradigm Implementation Guide: UDI Pattern at Project Insight 1369 and TSC Tracker 17496 was approved. The Unique Device Identifier (UDI) Pattern provides the guidelines for exchanging information about the use of and/or implantation of medical devices in patients.

**Normative Notifications:**

The Normative Notification by the Mobile Health WG of the Infrastructure SD for "HL7 CMHAFF" at Project Insight 1452 and TSC Tracker 19480 was approved. The WG plans to take this work to normative ballot in 2019May.

**STU Publication Approvals:**

The STU Publication Request by the Structured Documents WG of the Infrastructure SD for HL7 FHIR® Implementation Guide: Healthcare Associated Infection Reports, Release 1—US Realm at Project Insight 1192 and TSC Tracker 19349 was approved for two years. This project developed an implementation guide constraining FHIR STU 3. The implementation guide supports electronic submission of HAI data to the National Healthcare Safety Network. CDC provided NHSN developers, vocabulary experts and FHIR experts to support this project.

a. The STU Publication Request by the Pharmacy WG of the Clinical SD for HL7 FHIR® Profile: Pharmacy; Medication, Release 2 at Project Insight 1291 and TSC Tracker 19351 was approved. The US Meds Implementation Guide is based upon the FHIR STU3 specification. It promotes the consistent use of pharmacy FHIR resources in US Realm Electronic Health Record Systems (EHRs) to provide consumer and provider access to patient medications.
The **STU Publication Request** by the Structured Documents WG of the Infrastructure SD for HL7 CDA® R2 Implementation Guide International Patient Summary, Release 1 at [Project Insight 1087](https://www.hl7.org/project/insight) and [TSC Tracker 19352](https://www.hl7.org/tracking?item=19352). An International Patient Summary (IPS) document is an electronic health record extract containing essential healthcare information intended for use in the unscheduled, cross-border care scenario, comprising at least the required elements of the IPS dataset.

The **STU Publication Request** by the Patient Administration WG of the Administrative SD for OASIS/HL7 HAVE 2.0 at [Project Insight 1346](https://www.hl7.org/project/insight) and [TSC Tracker 19418](https://www.hl7.org/tracking?item=19418) was approved. EDXL-HAVE (HAVE) is an XML messaging standard primarily for exchange of information related to health facilities in the context of emergency management.

The **STU Publication Request** from the FHIR-I WG of the Infrastructure SD for "HL7 FHIR® IG: SMART Application Launch Framework, Release 1" at Project Insight 1341 was approved. SMART on FHIR provides reliable, secure authorization for a variety of app architectures through the use of the OAuth 2.0 standard. This profile is intended to be used by developers of apps that need to access FHIR resources by requesting access tokens from OAuth 2.0 compliant authorization servers.

The **STU Publication Request** by the US Realm Steering Committee for "HL7 FHIR Profile: US Core, Release 1 STU Release 2" at [Project Insight 1372](https://www.hl7.org/project/insight) and [TSC Tracker 19486](https://www.hl7.org/tracking?item=19486) was approved. This is R2 of the US FHIR Core Implementation Guide added profiles for these Resources: DocumentReference, Encounter, and PractitionerRole.

The **STU Publication Request** for HL7 CDA® R2 Implementation Guide: C-CDA Supplemental Templates for Unique Device Identifier (UDI) for Implantable Medical Devices, Release 1 - US Realm at [Project Insight 1279](https://www.hl7.org/project/insight) and [TSC Tracker 19636](https://www.hl7.org/tracking?item=19636) was approved. This project will focus on the UDI requirements and any changes needed in C-CDA to exchange the individual UDI components in the healthcare system when devices are implanted in a patient.

**Project Approvals:**

The **Project Approval Request** by the OO WG of the Administrative SD for IHE Digital Pathology Workflow Metadata Requirements (e.g. DICOM) to Specimen DAM mapping and HL7 product family use at [Project Insight 1453](https://www.hl7.org/project/insight) and [TSC Tracker 19592](https://www.hl7.org/tracking?item=19592) was approved. The IHE Pathology and Laboratory Medicine (PaLM) domain is working on several workflow profiles to support the evolving field of digital pathology. For background on the specific use cases covered by digital pathology see this white paper requirements wiki page: [https://wiki.ihe.net/index.php/APW-EDM_White_Paper](https://wiki.ihe.net/index.php/APW-EDM_White_Paper)

**Project Approvals – Reaffirmations:**

The **Project Approval Request** by the ARB for Reaffirmation of HL7 Service-Aware Interoperability Framework: Canonical Definition Specification, Release 2 at [TSC Tracker 19417](https://www.hl7.org/tracking?item=19417) and [Project Insight 1438](https://www.hl7.org/project/insight) was approved.
Project Approval Request by the Pharmacy WG of the Clinical SD to Reaffirm HL7 Version 3 Standard: Pharmacy; Medication CMET, Release 1 at Project Insight 1469 and TSC Tracker 19579 was approved.

Project Approval Request by the Pharmacy WG of the Clinical SD to Reaffirm HL7 Version 3 Standard: Pharmacy; Medication Dispense and Supply Event, Release 2 at Project Insight 1459 and TSC Tracker 19580 was approved.

Project Approval Request by the Pharmacy WG of the Clinical SD to Reaffirm HL7 Version 3 Standard: Pharmacy; Medication Order, Release 2 at Project Insight 1460 and TSC Tracker 19581 was approved.

Project Approval Request by the CDS WG of the Clinical SD to Reaffirm HL7 Version 3 Standard: Context-Aware Retrieval Application (Infobutton); Knowledge Request, Release 2 (revision of ANSI/HL7 V3 INFOB, R1-2010) at Project Insight 1441 and TSC Tracker 19582 was approved.

Project Approval Request by the CDS WG of the Clinical SD to Reaffirm HL7 Version 3 Implementation Guide: Context-Aware Knowledge Retrieval Application (Infobutton), Release 4 at Project Insight 1442 and TSC Tracker 19583 was approved.

Project Approval Request by the PA WG of the Administrative SD to Reaffirm HL7 Version 3 Standard: Patient Administration; Patient Registry, Release 1 at Project Insight 1455 and TSC Tracker 19587 was approved.

Project Approval Request by the PA WG of the Administrative SD to Reaffirm HL7 Version 3 Standard: Personnel Management, Release 1 at Project Insight 1456 and TSC Tracker 19589 was approved.

Project Approval Request by the PA WG of the Administrative SD to Reaffirm HL7 Version 3 Standard: Scheduling, Release 2 at Project Insight 1457 and TSC Tracker 19591 was approved.

Project Approvals: Withdrawals:
Project Approval Request by the Pharmacy WG of the Clinical SD to Withdraw "Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Pharmaceutical Product Information, Release 1" at Project Insight 1471 and TSC Tracker 19479 was approved.

a. Project Approval Request by the Pharmacy WG of the Clinical SD to Withdraw "Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Information on Pharmaceutical Dose Forms, Units of Presentation and Routes of Administration, Release 1" at Project Insight 1458 and TSC Tracker 19478 was approved.

Project Approval Request by the Pharmacy WG of the Clinical SD to Withdraw Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification of Units of Measurements, Release 1 at Project Insight 1463 and TSC Tracker 19576 was approved.
Project Approval Request by the Pharmacy WG of the Clinical SD to Withdraw *Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Information, Release 1* at [Project Insight 1461](#) and [TSC Tracker 19577](#) was approved.

Project Approval Request by the Pharmacy WG of the Clinical SD to Withdraw *Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Information on Substances, Release 1* at [Project Insight 1462](#) and [TSC Tracker 19578](#) was approved.

**Other Approvals:**
The TSC approved the reappointment of Brett Marquard, Kai Heitmann, and Jean Duteau to 2-year terms on the CDA Management Group.