**Building the Foundation to Semantic Interoperability & Data Modernization**

**Proposed Agenda, HL7 Integration of Info Models / Tools, 1 Aug 2017**

**FROM 8 – 10AM**

1. Review agenda & Prime the Pump: **(15 Minutes**)

Reaffirm that existing standards alone do not meet the needs for seamless interoperability without a unified terminology and modeling approach addressing:

* integration/harmonization of the information models SOLOR (terminology base), CIMI, FHIM and CQF/US Core
* integration to be enabled by tooling allowing the models to become implementation assets
* further development of FHIR and other assets (C-CDA) in order to address data inconsistencies, variability
* further more predictable and operational use within DoD and VA
* HL7 IIM&T emphasis on consistent and traceable model driven development

1. Recap Expectations via perspectives from clinicians, vendors, implementers, and other stakeholders (**15 Minutes**)
2. Assess Core Efforts & Pilot Progress / Outcomes against Methodology; update POA&M(**1.5 Hours**)

* CORE: SOLOR (editing and server tooling and efforts; planned deliverable Oct 2017)
* CORE: FHIM (FHIM refactoring; CIMI harmonization and tools)
* CORE: CIMI (FHIM harmonization; models, architectural framework, principles, tooling, ballots and FHIR artifacts)
* CORE: CQF/QI and US Core (alignment with CIMI architectural framework, principles, tools)
  + FHIM integration of CIMI Clinical BMM & Archetypes (Patterns) (Galen Mulrooney)
  + US Core / QI Core integration of CIMI BMM & Archetypes (Patterns) (Claude Nanjo);
  + Refine PROCEDURE and CONTEXT based on Pilots (Galen Mulrooney and Claude Nanjo);
  + Patient Care Project "CIMI Clinical Model Proof of Concept" (Skin Wound Assessment)
  + Pediatric Bilirubin Management CDS, needs code generation library (Ken Kawamoto);
  + Zika measure (Ken Kawamoto and Claude Nanjo);
  + Immunization Management EHR Functional Model Profile (Steve Hufnagel and Gary Dickinson)
  + Family Planning Annual Report (FPAR) – HSPC pilot with ACOG (Stan Huff, Susan Matney)
  + Device interfaces MDEpiNet #3 (Julia Skapik, ONC and Terri Reed, FDA)
  + DoD/VA IPO FHIR JET (Joint Exploratory Team -tooling contribution)- Nona Hall, IPO
  + FHIR Vitals Resource Harmonization (Richard Esmond)

**FROM 3PM TO 5PM**

1. **Highlight Parallel Efforts** (Synergy Opportunities): **(15 Minutes**)

* DoD and VA Industry Day Roundtable
* DoD/VA JIF Project DaVinci & ONC Integration of Models – both with research interests
* VA FHIR Transition Plan
* HSPC: Specification of SOA Architecture, i.e., SMART on FHIR Reference implementation
* Clinical Information Interoperability Council meeting on July 13 at the NIH (Interest to evolve a US Realm Data Dictionary)

1. Update POA&M **(1.5 Hours)** (leverage Quads)

* Reaffirm expected outcome/timetable wrt ballot timeline; record shift(s), as applicable
* Crystalize Challenges & Opportunities
* Feed Nov 2017 HL7 IIM&T Track
* Strengthening FHIR Appeal: Prominent concern / premise of HL7 IIM&T: There is an ever-growing volume of related (FHIR) efforts which extends data inconsistencies -- legitimately allowed with FHIR 80:20 design. The HL7 IIM&T intends to intervene and produce CIMI-based FHIR resources, profiles and extensions and augment missing governance and communications practices
* Dependencies: Tooling, Model repository, Sustainability / scalability
* Communications: Newsletter / HL7 Ballot development and submission
* Governance: Harnessing / managing outcomes / evolution and CM of artefacts

1. Conclusions and Next Steps (**15 Minutes**)

* Sept 2017 HL7 WG Meeting (HL7 IIM&T Sep 2017 Ballot Artifact Preparation)
* Nov 2017 IPO Consolidation Event Tiger Team for multi-day, multi-track consolidation event.

**HL7 Information Models & Tools (HL7 IIM&T) Collaboration Pilot-Projects**

* **CORE WORK: FHIM integration of CIMI Clinical BMM & Archetypes (Patterns)**
* **CORE WORK: US Core / QI Core integration of CIMI BMM & Archetypes (Patterns)**
* **CORE WORK: Refine PROCEDURE and CONTEXT based on Pilots**

**Project Centric**

* **Patient Care Project #1253 "CIMI Clinical Model Proof of Concept" (Skin Wound Assessment)\***
* **Pediatric Bilirubin Management CDS, needs code generation library**
* **Zika measure**
* **Immunization Management EHR Functional Model Profile**
* **Family Planning Annual Report (FPAR) – HSPC pilot with ACOG\***
* **Device interfaces MDEpiNet**
* **FHIR JET (Joint Exploratory Team)\***
* **Just in from FHIR Group: Vital Signs disconnects**

**\* TOP 3 PROJECTS WITH SHORT TERM IMPACTS (Will pick as part of Working Meeting)**

NOTE: Support Team is working with pilot/project members in populating Quads in advance in order to optimize contact time