

# AP242 Edition 2

## Status 01/24/2017

### Goals:

- Address increased scope
- Develop and Demonstrate a STEP New Architecture
- Harmonization for PDM with AP239e3

### Status:

- Accomplishments
  - Electrical Wire Harness Committee Draft Complete
  - SMRL Release, Version 6 and Version 7
  - Technical Corrigendum
  - Completed CRs:
    - Geometry 1
    - Item Shape 1
  - In-work CRs:
    - EWH
    - Item Shape 2
    - PDM
    - 3D PMI
  - Pilots
    - Electrical Wire Harness
    - Additive Manufacturing
  - Tutorial for Electrical Wire Harness
  - New STEP Architecture

### Coverage:

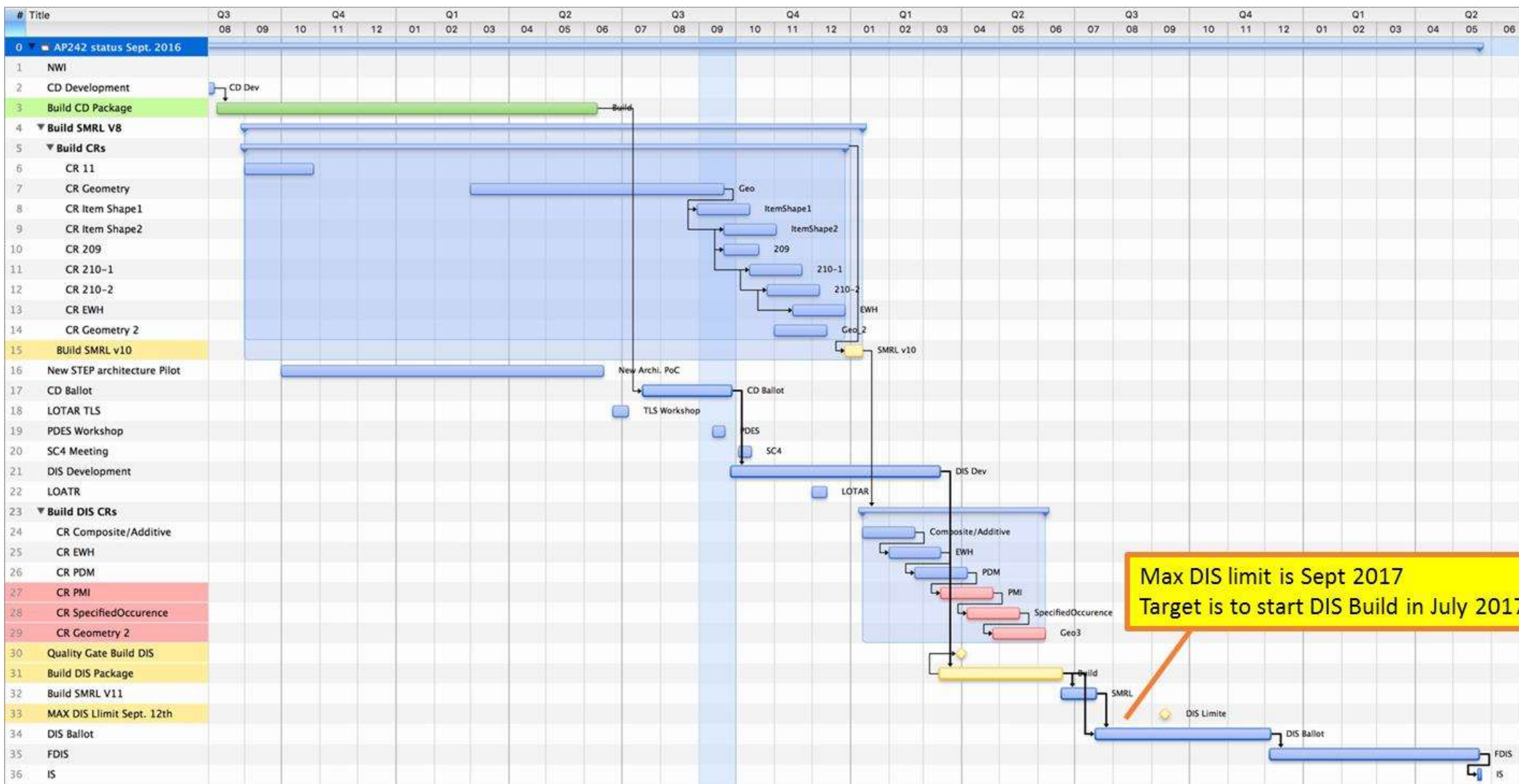
- Electrical Wire Harness
- Additive Manufacturing
- 3D Product Manufacturing Information
- Enhancements
  - PDM
  - Geometry
  - Technical Corrigendum
  - Composites

### Dependencies / Issues / Actions

- Statement of work: LOTAR template for LOTAR fundings but which template for Gulfstream direct funding?
- Share point for the project?
- Interdependencies with PDM (attachement slot & interface modules; breakdown structure; VEC specification...) => to be clearly identified & organize a dedicated phone call with the PDM WG
- Lack of tools: graphic mapping & generating tools from the ARM to xsd



# Schedule



Max DIS limit is Sept 2017  
Target is to start DIS Build in July 2017



# Issues

- Need better communication to industry to obtain broader support and commitments
  - Overview
  - Current Activities
  - Information at each stage of the project lifecycle
- IS AP242e2 delays
- Lack of resources for Quality, Validation, and Publication Processes
- Insufficient process automation to build and maintain the SMRL in STEPMod
- Coordinating project plans for PDM Harmonization with AP239e3



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