Section 1. Project

Project Name: PODS ALRP

Project Members:
- Co-Chair: Jeff Allen
- Co-Chair: Mike Ortiz
- Secretary: TBD
- Members:
  - Bruce Dahms, Enbridge
  - Andrew Norris, BHP Billiton
  - Nathan Marx, Chevron
  - Dan Palazzolo, Williams
  - Ayan Palit, Esri
  - Bruce Sucec, Plains All American Pipeline
  - Victor Rutherford, Plains Midstream
  - Lorne Dmitruk, Enbridge
  - Carl Meinke, Willbros
  - Matt Thomas, OXY, now Novara

Reporting Relationships:
- Reports to: Technical Committee on Governance
- Liaison: Dan Palazzolo
- Data Modeling Team Liaison: Lorne Dmitruk

Reporting frequency: Monthly

Section 2. Scope

Introduction:

The PODS ALRP Project was established by PODS Board of Directors as a direct outcome of the PODS ALRP Task Force. The Task Force studied both the Esri ALRP and UPDM offerings and made the following recommendations providing the foundation of this project.

- The Esri ALRP core spatial database structure should be incorporated into a PODS offering that would allow PODS members to easily utilize a PODS spatial database in conjunction with the pending Esri ALRP technology stack.
PODS Association, Inc.
Technical Committee Charter Template

- Conduct analysis for utilizing the PODS Relational tables and fields where possible to bring them into better alignment. During the review of the original Working Group position statement the Board indicated that future new implantation patterns should closely align with the cord PODS business tables.
- No project time should be spent further analyzing UPDM per the original Working Group’s position statement. See Attachment A

Objective(s):

PODS ALRP Project will address the following objectives:

- Develop a clear understanding of how the Esri ALRP core tables are organized and how they operate and provide documentation as to how these tables are built and relate to each other.
- Align nomenclature between Esri and PODS terms, for example station series and routes. Due to the fact that Esri is creating an off the shelf offering and will be utilizing their standard naming conventions we will need to create a description of how the terms from both organizations align.
- Conduct analysis to understand any limitations or advancements that the ALRP structure provides over the current relational and spatial implementation patterns currently provided to the membership. Documentation will be developed in a format acceptable to the TCG.
- Determine the best technology to create the new model and bridge to our other diagraming needs for relational model
- Incorporate the Esri core ALRP tables into the Beta model. There are certain tables that will be required for the out of the box ALRP tool to operate correctly. The goal is to have a Beta model that will work with the initial release of ALRP without the need for custom software to be developed.
- Incorporate the PODS Relational Event tables starting with the PRODUCT_TRANSPORT tables and expanded from there in coordination with the TCG.
- Identify where the ESRI ALRP and supporting software will not support commonly and widely used database patterns such as 1 to M and M to N relationships classes
- Stand up a sample (Beta) model
- Populate sample data into the model that would be available for the beta release. The objective would be to allow members to evaluate the new model with sample data. It is not the intention of this team to stress test the model.
- Coordinate with Technical Committee for Data Modeling (TCDM) to develop initial draft of the documentation
- Transition work over to the TCDM for finalization
PODS Association, Inc.
Technical Committee Charter Template

- Rename the offering so that it doesn’t have ALRP product name

**Deliverables:**
1. Draft (beta) model
2. Sample data
3. Draft documentation

**Schedule:**
1. Develop core understanding of ALRP    July 2015
2. Select modeling approach    Aug 2015
5. Finish Beta Model    Mid October 2015
6. Develop Sample Data    Oct – Nov 2015
7. Draft documentation    Nov 2015
8. Turn Beta model over to DM team    Dec 1 2015

**Section 3. Responsible Committee Review**

**Proposal Received:** September 1, 2015

**Reviewed by the Responsible Committee:** September 2-8, 2015

**Reviewing Members:** Technical Committee on Governance

**Recommendation to Board:** Recommend adoption by PODS BoD

**Guidance to Project team:** none

**Section 4. Board Approval**

**Recommendation Approved:** BoD

**Date:** September 10, 2015, approved by PODS Board of Directors