PODS™
Pipeline Open Data Standard

New Construction Workgroup
Phase 2 Charter

Approved by work group: 01-22-15
Adopted by PODS Board of Directors: 02-05-15
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Change Log

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<td>Charter Team</td>
<td>Initial Document</td>
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<td>2014/12/15</td>
<td>Christa Freeman</td>
<td>Corrected Liaison representative and Group member list.</td>
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Section 1 – Working Group Plan

1. Working Group Name:
   Data Standards for New Pipeline Construction Projects (joint PODS - IPLOCA Work Group)

2. Work Group Members:
   2.1. Co-chairs: Jeffrey Weaver, Williams
       Nichole Killingsworth, BSD Consulting, Inc.
       Mustafa Abusalah, Consolidated Contractors

   The Work Group is divided into sub-committee groups which meet individually. Each Sub-
   Committee Captain reports to the Work Group Steering Committee comprised of the Sub-
   Committee Captains and Work Group Leadership members on a monthly basis. Call of the co-
   chairs, quarterly.

3. Reporting Relationships
   3.1. Reports to: PODS Data Modeling Team
   3.2. Liaison: Rod Burden

4. Reporting Frequency
   4.1. Reports provided regularly, as required to move work forward, from subgroups to Data Modeling
       team, through liason and in coordination with co-chairs. Reports include findings, identified and
       potential issues, and draft documents.

5. Work Group Objectives
   5.1. This project will improve integration of collected required as-built data and documentation from
       pipeline construction and loading such data and documentation into the Operator’s PODS
       database, allowing existing Operator’s PODS information to interchange with new construction
       databases in the early stages of the new construction process.

   5.2. Demonstrated financial savings through improved and increasingly accurate data developed
       through the collection and verifying of the information digitally, in PODS format, as the project
       progresses.

   5.3. This PODS enhancement provides a better definition of data-related regulatory requirements
       associated with new construction, helping Pipeline Operators compliance with these regulations.

   5.4. Pipeline Operators will be able to specify and contractually require strict adherence to these Data
       Standards for New Construction.
5.5. To use the physical model to create a module within the existing PODS framework allowing operators to install a New Construction implementation as part of their new or existing PODS Database.

6. **Scope**

6.1. Logical model design of the New Construction tables and attributes defined in Phase 1.
   
   6.1.1. The work is based on the utilization of the PODS Pipeline Data Model for use during the design and construction phases of a new construction project both onshore and offshore pipelines.

6.2. Perform a gap analysis of domain values required based on the analysis performed in Phase 1.

6.3. Describe how pipeline stationing and centerline representation is managed through a project lifecycle.

6.4. Recommendation for the best organization of new construction tables into new or existing PODS’ modules.

6.5. Provide change documentation for existing and additional tables.

6.6. Define the workflow to obtain the required data from each phase of the new construction.

7. **Deliverables**\(^1\):

7.1. Produce a report summarizing the activities and conclusion of the Phase 2 Work Group.

7.2. Produce the documentation to support the proposed data model changes.

7.3. Create the workflow diagram to illustrate how data flows from each stage of construction.

8. **Schedule**:

8.1. Estimated 12 months.

8.2. Deliverables will follow the designated workflow for approvals for a major database release.

9. **PODS-IPLOCA Deliverable and Maintenance Expectations**:

9.1. The final report issued by this Work Group will be owned by both PODS and IPLOCA. Both parties have the right to publish this jointly authored report.

9.2. IPLOCA further has the right to incorporate the text and recommendations in this report into their “Road to Success” document which is freely available for download from the IPLOCA website.

9.3. PODS further has the right to incorporate the text and recommendations in this report into the PODS Data Model and supporting documentation, which are available only to PODS member

\(^1\) See also Process Description §2d
companies.