

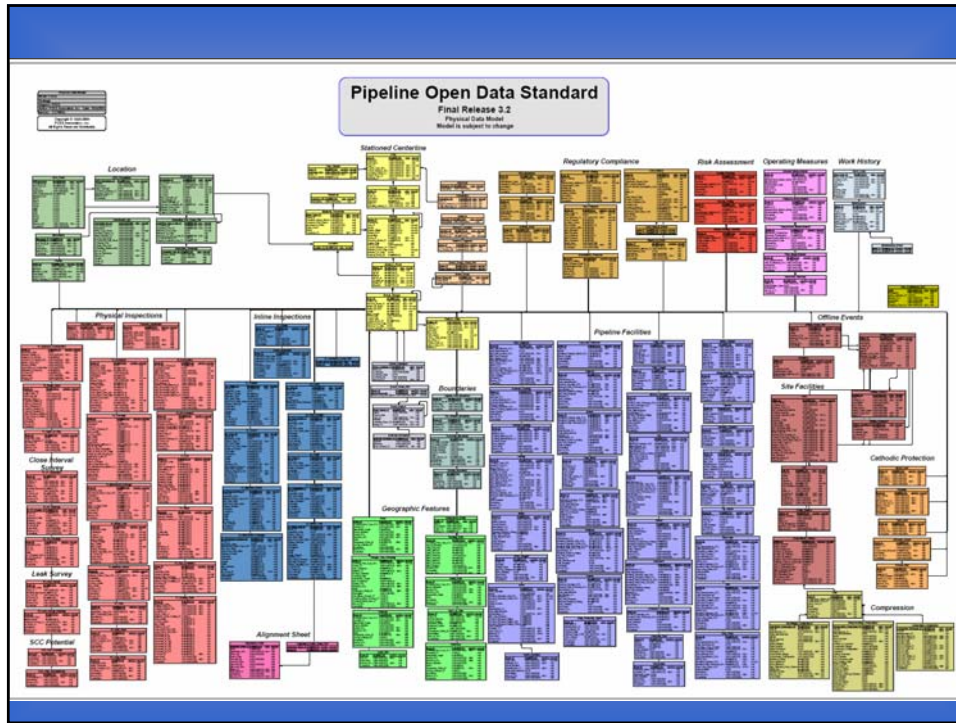


PODS

Pipeline Open Data Standard

What is PODS?

- Pipeline Industry Trade Association
 - Not-for-profit Corporation
 - Membership - Pipeline Operators and Vendors
 - Owns PODS I.P.
 - Oversee pipeline data model development
 - \$2,000 Operator and \$1,000 vendor membership fee



2005 New Member Companies

(listed by membership date)

- Marathon Ashland
- Sunoco
- Data +
- Michael Baker Jr.
- CITGO Petroleum
- Texas Gas Transmission
- Det Norske Veritas Software

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48 Member Companies

(listed by membership date)

Total Membership:

- 15 Operators
- 31 Service Providers
- 1 Gov't Agency
- 1 Association

By Country:

- 37 USA
- 8 Canadian
- 3 European

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2005 Board of Directors

(listed alphabetically)

Operators

- Kenneth Greer (CenterPoint)
- Alan Herbison (Terasen)
- Mike King (BP)
- JW Lucas (Enterprise)
- Terrie Spicer (KinderMorgan)
- Pam West (ChevronTexaco)

Vendors

- Ron Brush
- Daniel Colby
- Andrew Kendrick
- Kandice O'Malley
- Keith Leewis (PRCI)

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2005 Officers



President

Alan Herbison
Terasen Pipelines

Secretary

Daniel Colby
Sentinel USA

Vice-President

JW Lucas
Enterprise Products

Treasurer

Ron Brush
New Century Software

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Benefits of Joining



- Input into model development
- Networking/communications
- Input on organizational structure
- Acquiring best practices
- Forum for resolution and implementation issues

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Benefits of Using PODS

- Standards-based
- Comprehensive data model
- Less risk in implementing GIS
- The more companies that use it, the easier it will be to develop and find applications
- Applying best practices - evolving
- Member directed and driven

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**PODS
and beyond...**

Recent Accomplishments

- Reorganized as Not-for-Profit Corp.
- PODS 3.2.1 Released
- Joint PODS and PPDM Data Standards Conference
- PODS Workshop (Houston & Calgary)
- Election of new Board and Officers

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Other Accomplishments

- Formation of Working Committees:
 - ILI Integrity Data Standard
 - GPS Data Dictionary
 - Right-of-Way
 - External Corrosion Direct Assessment IDX

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Association Goals for 2005

- New Web Site
 - Member only pages with downloads
- Improve Documentation
- Improve organizational processes
- More participation in Technical Committee

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Goals for 2005/2006

- PODS 4.0 Release
- Investigate PODS Spatial Integration
 - “PODS Lite” or “PODS Spatial”
- Improve Operating Procedures Documentation
 - Roles and accountabilities
- Working toward ANSI/ISO Certification
- Administrative help for PODS (PPDM)

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GITA Oil & Gas 2005

- Exhibit Booth
- Sponsorship of Opening Reception

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First Annual PODS User Conference

- JW Marriott, Houston – after GITA
- Thursday Sept. 22nd
- Free to members and non-members
- Registration required
- 8am – 4pm

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Future Goals and Ideas

- Paid data modeler(s)
- PODS Compatibility Checker
- Better support from data providers
- Published standard domain values
- PODS Compliance Self-Certification

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Suggestions ~ Discussion





PODS Release 4.0 Update

Scott Hills – PODS Technical Committee
Chairman
ChevronTexaco

Data Model Goals for 2004

- PODS 4.0 Development (Pipeline Integrity)
 - ILI Integration
 - Off-Shore tables
 - Direct Assessment Integration
 - Regulatory Tables – HCA improvements, NPMS
 - Modularize the database (i.e. Gas & Liquids)
 - Environmental
 - Geohazards

Suggestions ~ Discussion



Joint NACE/PODS ECDA Integrity Data Exchange Standard

Ron Brush – PODS Board

What are we trying to do?

- Create a new ECDA standard jointly owned by NACE and PODS
- Similar to PODS ILI Data Interchange Standard developed in 2004

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Objective

The objective of the ECDA IDX Working Group is the development of a new ECDA data interchange database structure that will help standardize the integration and reporting of ECDA data within the pipeline industry. There currently are no standards for submission and management of ECDA data.

The PODS Association will seek joint development and publication of this standard with NACE International and the appropriate NACE technical committees.

This standard is expected to serve as a template for future ICDA and SCCDA data interchange standards.

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Membership

- Ron Brush (Chairman) – New Century Software
- Drew Hevle (Co-Chairman) – El Paso
- Craig Champlin – Bass-Trigon
- Keith Cote – Moore Resource Systems
- Nancy Gleason – Dominion Resources
- John Minnasian – Geofields
- Jerry Palmer – CenterPoint Energy
- Teresa Young – Geofields
- Steve Biagiotti - GE

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Phases

- Phase I
 - Indirect Inspections
 - CP Survey
 - Coating Evaluation Survey
 - Corrosiveness of Environment Survey
 - Other
- Phase II
 - Storage of Direct Examination Measurements
 - Storage of Post-Assessment Data

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Guidelines

- Seek participation of PODS and NACE members and non-members
- Seek participation of parties with hands-on pipeline knowledge and IT knowledge
- Seek participation of pipeline operators, ECDA vendors, software service providers, consultants and related parties
- Seek contributions from participants, utilizing existing mature data structures where practical and applicable
- Vendor-neutral design

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Guidelines (cont.)

- Inclusive design – supporting multiple methods of representing data, as necessary
- Extensible design – providing users the ability to extend (add to) as necessary
- Face-to-face initial kick-off meeting and closure meeting
- Maintain consistency with API ILI terminology
- Bi-weekly one-hour conference calls or as otherwise determined
- Field trial of new standards developed

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Deliverables

1. Committee Report for NACE/PODS Publication
2. ECDA Integrity Data Exchange (IDX) Database
3. ECDA IDX XML
4. Database DDL
5. Data Dictionary
6. Sample IDX Structure
7. User and Technical Documentation

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Planned Schedule

- May 25, 2005 – Kick-off meeting at NACE
- July 15 – completion of member submission
- Aug. 30 – meeting in Houston
- Sept. 1 – draft version 1.0 for committee review
- Nov. 1 – submit to PODS TC for review
- March '06 – final draft for discussion at Corrosion/2006

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Questions ~ Discussion

