



PIPELINE OPEN DATA STANDARD

PODS Association News December 2006

Membership Renewals

Membership renewals are due by January 1, 2007. Please note that operator membership has been increased to \$3000 per year. Vendor/service providers and associations are still \$1000 and government agencies are still \$500. PODS accepts credit cards or checks. If you have any questions about payment, please don't hesitate to contact us. We are excited about your renewal and active participation in the PODS Association.

Board Elections

Annual Board of Director elections will be held in January. Four seats are up for re-election/election. Board membership is for two years and requires active involvement in the organization. Please watch for emails regarding nominations and voting.

Talisman Energy – Welcome to PODS

PUG 2007

Look for us at the ESRI Petroleum User Group Conference in Houston, February 26-28, 2007 (www.esri.com/events/pug). Please drop by our booth. We will have Board Members, Technical Committee Members, and the Executive Director available to meet you.

Member Information Needed

Are you a member of the PODS Association? We need your information! Many people call the PODS Association requesting information about service providers and vendors. Because we are vendor neutral, we refer inquiries to our member webpage. **If you will send us information about your company, including services you provide, we will post the information on the PODS website.** The sooner you send it – the faster we'll post it! Please keep your descriptions brief.

We will also post information for pipeline operators, government agencies, and associations.

Help Wanted

Are you interested in developing the database standard?
Are you interested in developing data exchange standards?
We need your help. If you have an area of specialty,
interest, or need, please contact us about joining or forming
a Working Group.



ECDA Working Group

The final draft of the NACE/PODS ECDA Interchange standard will be submitted to NACE for review and ballot. The ECDA Working Group is currently accepting input from the PODS Technical committee. Keep watch for the new Interchange standard.

PODS is the pipeline industry database standard. The Board of Directors is composed of pipeline industry leaders who volunteer their time to manage the PODS Association. The database is developed by the Technical Committee which is also composed of industry leaders who volunteer their time.

Value of Membership

- Regular newsletters with technical tips
- Voting privileges that enable you to decide what direction the PODS Association should go
- Many of your operators/vendors are members of PODS
- Your vendors are using PODS-based tables which makes the information easier for you to integrate (cost effective)
- You have the opportunity to review new tables before they are integrated into the existing database
- You can personally contact the PODS Executive Director with questions and suggestions
- You have access to answers to technical questions about the tables
- You may participate in user group meetings and technical workshops at no extra cost

PODS – International

The PODS Association currently has 71 members in the following countries:

Austria Canada China France
Germany India Indonesia Norway
Russia United States Australia

The PODS Association has member companies based on all continents except Antarctica. Our member companies have pipelines in nearly every country around the world.

Question: How many miles of pipeline are operated by PODS Association members?

Answer: More than 305,000 Miles of Pipeline

Technical Committee Tip: PODS Equation View

How many miles of pipeline is in my PODS database?

```
SELECT CAST(SUM(ABS(SER.STATION_BEGIN -
SER.STATION_END)) / 5280 AS NUMERIC(8,2)) FROM SERIES SER
INNER JOIN ROUTE RTE ON SER.ROUTE_ID = RTE.ROUTE_ID
INNER JOIN LINE LN ON LN.LINE_ID = RTE.LINE_ID
WHERE SER.CURRENT_INDICATOR_LF = 'Y'
```

Where do I store the information gathered as the result of the leak i.e. Rupture, Evacuation, etc.?

The cause of a leak is stored in the LEAK.PRIMARY_CAUSE_CL column. There is a foreign key relationship to the LEAK_CAUSE_CL table. Please see below for *sample* domain codes:

CODE	DESCRIPTION
COR-EXTERNAL	Corrosion External
COR-INTERNAL	Corrosion Internal
EARTHMOVEMENT	Natural Forces - Earth Movement
EQ-MALFUNCTION	Equipment - Malfunction of
EQ-SEALFAIL	Equipment - Seal Failure
EQ-STRP_BRKNPIPE	Equipment- Threads Stripped, Broken
EQ-PIPECOUPLING	Equipment- Pipe Coupling
EXCAV-OPERATOR	Excavation damage - Operator
EXCAV-THIRDPARTY	Third-party damage
HIGHWINDS	Natural Forces - Temperature - Other
HRF	HEAVY RAINS OR FLOOD

IO	INCORRECT
OPERATION	
LIGHTNING	Natural Forces - Lightning
MF-BODYOFPIPE	Material Failure - Body
of Pipe (Dent, Gouge, Bend, Arc Bend, Other)	
MF-COMPONENT	Material Failure -
Component (Valve, Fitting, Vessel, Extruded Outlet, Other)	
MF-JOINT	Material Failure - Joint (Gasket, O-
Ring, Threads, Other)	
MISC	MISCELLANEOUS
OFD-FIRE_EXPL	Other Outside Force
Damage - Fire or Explosion as primary cause	
RPD	Other Outside Force
Damage - Rupture of Previously Damaged Pipe	
TEMPERATURE	Natural Forces -
Temperature	
UNKNOWN	Unknown
VANDALISM	Other Outside Force Damage -
Vandalism	
VEHICLE_DAMAGE	Other Outside Force Damage - Vehicle
related damage	
WF-BUTT	Weld Failure - Butt
(Pipe, Fabrication, Other)	
WF-FILLET	Weld Failure - Fillet (Branch, Hot Tap,
Fitting, Repair Sleeve, Other)	
WF-PIPESEAM	Weld Failure - Pipe Seam (LF ERW,
DSAW, Seamless, Flash Weld, HF ERW)	
Special thanks to Gary Hoover and the Technical Committee. All tips are found on the PODS website.	

PODS 4.0 – Release

PODS 4.0 was released September 2006 at the GIS Oil & Gas Conference. The PODS 4.0 Release contains the ddl files for SQL and Oracle, the E-R Diagram, and documentation. For everyone requesting documentation, the PODS Technical Committee has developed 988 pages of documentation with more to be released soon. The PODS 4.0 model is available to all active members. If you have not received your copy, please contact Sheila Wilson at sheila.wilson@pods.org. The release is available on cd and will be mailed on request. If you are not currently a member, we encourage you to join to receive your copy.

Contact PODS

The PODS Association now has a toll free number. Effective immediately, the Executive Director will be available Monday through Friday from 8 am to 5 pm, Central Time. You may reach Sheila Wilson at:

918-246-9343
866-460-PODS (7637)
sheila.wilson@pods.org

Don't forget to view the PODS website at
www.pods.org

Board of Directors

President: Alan Herbison, Kinder Morgan
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Vice President: J W Lucas, Enterprise
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