

Pipeline Open Data Standardwww.pods.org

July 2007

PODS™ is the pipeline industry database standard. The PODS Association Board of Directors is composed of pipeline industry leaders who volunteer their time to direct the activities and priorities of the Association. The PODS data model is developed by the Technical Committee which is also composed of industry leaders who volunteer their time.

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Welcome New Members

Piedmont Natural Gas**PSNC Energy**[Complete list of members](#)

PODS User Group Meeting

The Third Annual PODS User Group Meeting will be held September 27, 2007, immediately following GITA's GIS for Oil & Gas Conference. Please note that GITA has changed the date and location of the event. PODS will also host our second annual PODS Social on Wednesday evening, September 26, 2007.

The PODS User Group Meeting is open to both members and non-members. We welcome your participation in the PODS User Group Meeting.

Registration:

Registration is available on the GITA website. Please click [here](#) for the site. Members may attend free; non-members may attend for \$50.

Call for Sponsors:

Thank you for considering sponsoring our User Group Meeting. The purpose of this meeting is to focus on the business needs of oil and gas pipeline operators relating particularly to the PODS data model and industry standards. Sponsorships are available from \$5,000 to \$500, plus miscellaneous sponsorships. *Last year, 50% of the attendees were operators.* More information about sponsorship can be found on the PODS User Group Meeting [Sponsorship website](#).

More Information:

Please contact [Sheila Wilson](#) by email or phone (918-246-9343) for more information about submitting an abstract and/or sponsorships.

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At the PODS User Group Meeting

DOT: John Jacobi with DOT will be presenting information about the new gas gathering rule. Amy Nelson (NPMS) will speak about spatial accuracy. Please plan to attend to learn more. You may register [here](#). Thank you for your participation in the PODS User Group Meeting.

PODS Training: For everyone who has requested PODS Training, we will present an Introduction to PODS Seminar. Training will last for approximately one hour.

Look for much, much more at the meeting.

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PODS at the GIS for Oil & Gas Conference

Fourteen of the 26 presentations at GITA's [GIS for Oil & Gas Conference](#) are by PODS Members. The members presenting include Xcel Energy, Chevron, GE, Williams, Willbros, Anadarko Petroleum Corp., Golder Associates Inc., DCP Midstream, ESRI, Eagle Information Mapping Inc., New Century Software, and BP America. You can see the schedule and abstracts on the [GITA event website](#).

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DOT Working Group

PODS Members are developing a DOT Working Group. The intent of the group is to address *existing* regulations. They will develop the standards required for online and offline submissions. If you are interested in participating, please contact the [PODS Association](#).

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One Call Working Group Update

The One Call Working Group has held several meetings. They are completing the charter and developing a balance between operators, service providers, and one call organizations.

The objective of the working group is to address and identify the One Call/Damage Prevention data requirements that are relevant to the overall PODS working data model. If you are interested, please contact the [PODS Association](#).

We have gathered many names and are continuing to build this working group. Thank you to everyone participating.

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Working Groups

If you are interested in joining any of the following working groups, please contact the [PODS Association](#).

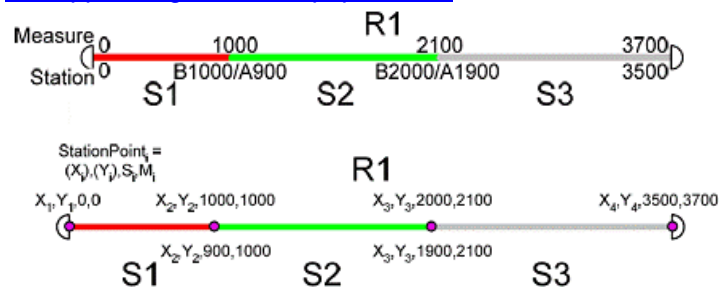
- One Call
- New Construction Data Exchange Standards
- Domain Ranges
- US DOT PHMSA
- Russian Regulatory Requirements

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Technical Committee Tip

Explain route/measure, series/station, and station equation as defined using the diagrams below from this document:

www.ppdm.org/download.php?id=517.



When field personnel replace pipe, they often add or remove pipe which changes the total length of the pipe. This change needs to be represented on the alignment sheets. In the old days, alignment sheets were difficult to change because they were done manually; therefore, changes were made with station equations.

The first example shows "B1000/A900" between S1 and S2. This means that 100 units (feet or meters) of pipe were added to the line which changed the total length of the line from 3500 units to 3600 units. Another 100 units of pipe were added at the second point between S2 and S3, changing the total length to 3700 units.

These changes require all the alignment sheets to be changed from the first S1/S2 point forward. This was difficult to do manually so the drafter used a station equation. At the point S1/S2, 100 units were added. The Station Equation is defined as B1000/A900 and is translated as "Back 1000/Ahead 900." From the beginning of the pipe to the point S1/S2, the stationing remains the same (0 to 1000). From point S1/S2 to point S2/S3, the stationing changes. Previously it went from 1000 to 2000.

With the addition of 100 units, it now goes from 900 to 2000. A station equation also defines the point S2/S3.

By adding the extra 200 units of pipe, the route increased from 3500 to 3700 units. The illustration has 3 series with stationing that goes from 0 to 1000, 900 to 2000, and 1900 to 3500. The natural consequence of the series is that you have overlapping numbers in the series but the route stationing is unique.

Common vocabulary for the series is "Engineering Stationing" and the route is "Cumulative Stationing."

To further explain: Series S1 contains stationing 900-1000 and Series S2 also contains stationing 900-1000. If you were to put a valve in at 950, you would have to know whether you were in S1 or S2. To show a valve at 950 in the first series, you would say the valve is at 950-S1 or 950-Route. If the valve is in the second series, the stationing would be 950-S2 or 1050-Route.

Some companies choose not to use Engineering Stationing so they only use the series stationing or route. Most companies still use the combination of engineering and route stationing because they have used it for so long.

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The Funnies

Alvin Toffler

You can use all the quantitative data you can get, but you still have to distrust it and use your own intelligence and judgment.

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PODS Association Activity Calendar

8/13/2007	Presentation Slides Due: Call for Papers - PODS User Group Meeting (September 27, 2007)
	Slides are due for all presentations for the 3rd Annual PODS User Group Meeting
9/24/2007	2007 GIS for Oil & Gas Conference
	GITA's annual GIS for Oil & Gas Conference begins today and will continue through September 26. PODS will have a booth at the show with a user group meeting afterwards. Please note the time and date change.
9/26/2007	Second Annual PODS Social
	Please join us for the 2nd Annual PODS Social at 6pm, Wednesday, after the GITA Conference ends.
9/27/2007	Third Annual PODS User Group Meeting
	The 3rd Annual PODS User Group Meeting begins today. You can find details on the PODS website (www.pods.org).
12/31/2007	Membership Renewals
	Look for your invoice for membership renewals.
January-08	Board of Director Elections
	Time for elections.
2/25/2008	Petroleum User Group Meeting
	Time for PUG.

Meet a Member of the Board of Directors

Mark Goodman is the Supervisor of Engineering Services for ONEOK NGL in Medford, OK. He has been with ONEOK NGL for 8.5 years, including time with Koch Pipeline, purchased by ONEOK NGL.

He has twenty-seven years of experience in business with sixteen specific to the utility and pipeline industry. The remainder of time has been with manufacturing and Architectural/Engineering firms involved in Power Plant, Water and Wastewater treatment plant design, permitting, site remediation, compliance submittals, and full turn key engineering and construction projects.

Mark has sixteen years experience as a supervisor. He oversees 4500 miles of transmission, distribution and gathering pipelines for customers within ONEOK. He does directing-managing, developing engineering designs, GIS mapping, and maintenance of drawing records.

He has prior experience as a mechanical designer working on piping and civil designs for the utility industry, specifically power plant design and maintenance. He also manages local IT business requests and is the technology adviser to operations personnel.

Mark has been on the PODS Association Board of Directors

for approximately one year. In his role, he offers strong support of the PODS Association, in-depth knowledge of the pipeline industry, and attention to detail that helps maintain the high integrity of the organization.

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PODS Executive Director:

Sheila Wilson

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Teresa Young, *GeoFields*

PODS Committees & Working Groups:

Spatial Implementation Committee
Inline Inspection Integrity Data Interchange
ECDA Integrity Data Interchange
One Call – in development
New Construction Data Exchange Standards – in development
Russian Regulatory Requirements – in development
Domain Ranges – in development
US DOT PHMSA – in development

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