



PIPELINE OPEN DATA STANDARD

# *One-Call / Damage Prevention Working Group*

September 27, 2007

# Working Group Members

|                        |                           |                    |                                |
|------------------------|---------------------------|--------------------|--------------------------------|
| Mark Beckner           | Guardian ProStar          | Bill Kiger         | PA One Call                    |
| David Breining         | Breining Consulting       | Andrew Lund        | Witten Technologies            |
| John Cachat            | Irth Software (AGT)       | Tim Mahedy         | Xcel Energy                    |
| Dan Colby              | Sentinel USA              | J.D. Maniscalco    | UNCC                           |
| Ray Dillahunty         | Petris Technology         | Rob McElroy        | New Century Software           |
| Steve Ellis            | Coler & Colantonio, Inc.  | Mike Shallow       | Union Pacific Railroad Company |
| Michael Emanuel        | Michael Baker Jr. Inc.    | Tommy Thomas       | DCP Midstream                  |
| Pete Gomez             | Xcel Energy               | Phil Trujillo      | UNCC                           |
| Mark Goodman           | ONEOK NGL Pipeline LP     | Brad Vitale        | Xcel Energy                    |
| <b>Katie Hellfritz</b> | <b>Xcel Energy</b>        | <b>Sue Whiting</b> | <b>Ubisense Consulting</b>     |
| Don Heyer              | USA North One Call Center | Ed Wilson          | ONEOK NGL Pipeline LP          |

## *Progress*

- Working group formed May 17, 2007
- Charter submitted to Technical Committee; preliminary approval on September 13, 2007
- Two data models being developed:
  - One-Call Ticket information (draft in progress)
  - Damage/Repair information (draft in progress)

# *Charter Overview*

The potential for third-party damage represents a significant threat to the integrity of underground pipelines

## **Objective**

Integrate data related to one call tickets and damage prevention within the PODS data model

## *Project Drivers*

- Common repository, open standards, easily accessible
- Association of One Call and damage data to pipes
- Provides the capability to perform predictive analysis
- Allows for integration with risk analysis used for integrity management

## *Out of Scope*

- Defining mechanics or business rules as to how tables are to be populated
- Defining the exchange format between One Call centers and PODS
- Defining what elements constitute a One Call ticket or any attempts to standardize a ticket

# *One Call Data Model*

- Reviewed One Call tickets from Colorado, Florida, North Dakota, South Dakota and Texas
- Identified required data elements based on project drivers
- Developed Physical Tables report – currently under review by working group
  - Column names
  - Data types
  - **Table and column level descriptions**
  - **Domain (Code List) values**

# *Damage Data Model*

- Reviewed Damage Information Reporting Tool (DIRT) data elements
- Identified required data elements based on project drivers
- Developed Physical Tables report – currently under review by working group
  - Column names
  - Data types
  - **Table and column level descriptions**
  - **Domain (Code List) values**

## *Next Steps*

- Working group review of data models
- Submittal of data models to PODS Technical Committee for review
- Review and/or incorporate revisions from Technical Committee
- Done!