

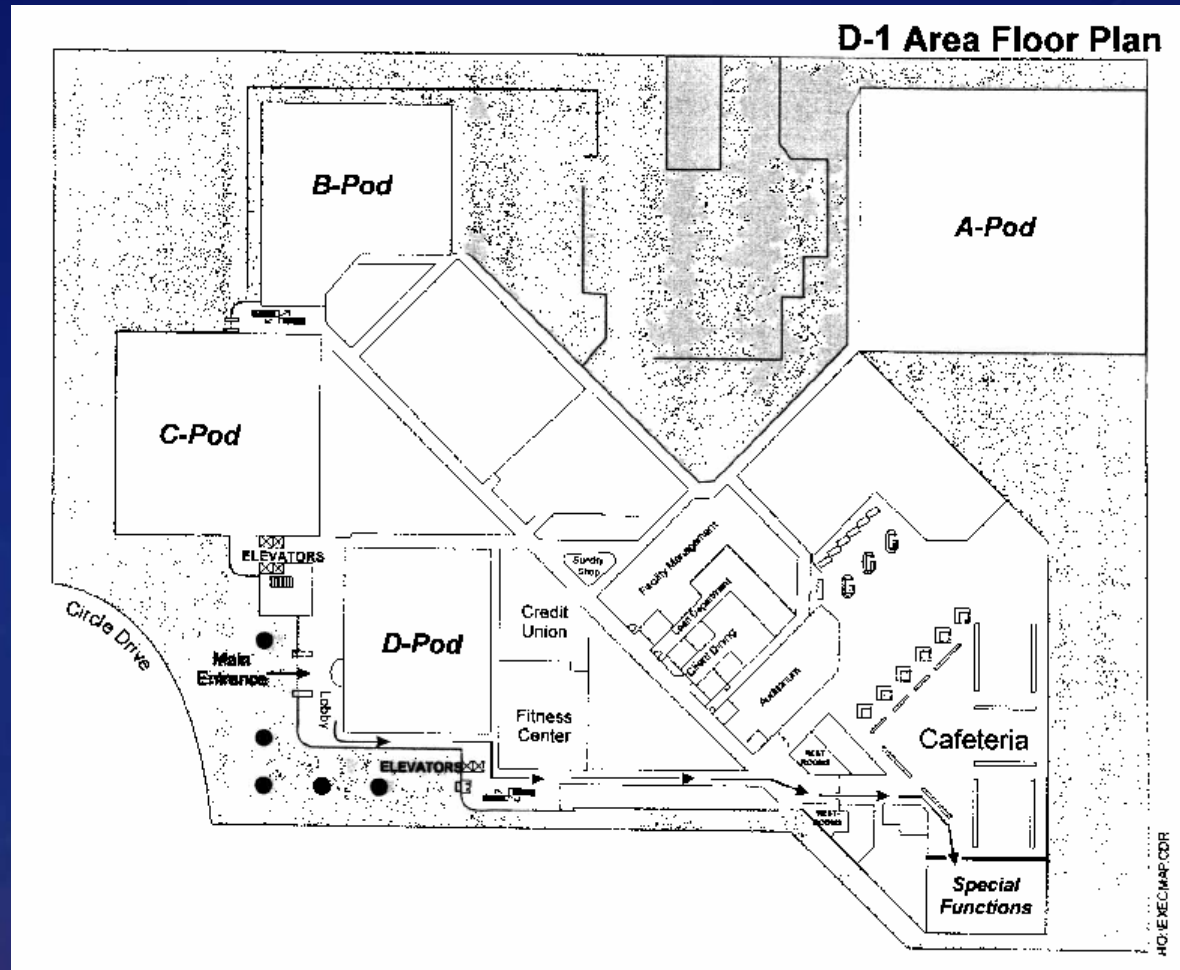


PIPELINE OPEN DATA STANDARD

*Welcome to the PODS  
User Conference*

*[www.pods.org](http://www.pods.org)  
918-246-9343  
866-460-PODS*

# Safety Orientation



## *The PODS Association*

A not for profit industry standards organization with the specific mandate of developing and maintaining pipeline data standards and data interchange standards for the pipeline industry. These standards primarily include pipeline operations, facilities, integrity management and regulatory compliance.

## *Thank You*

Ruth Lopez and Fluor Enterprises for the meeting facilities and arrangements.

Victoria Bosworth, CartoPac, and Kris Neese & Stefan Jonsson, New Century Software – graphics and marketing

# *Thank You Sponsors*

- AMEC Paragon
- American Innovations
- Baker
- CartoPac
- CenterPoint Energy
- Chevron
- Coler & Colantonio
- Eagle Information Mapping
- ESRI
- Fluor Enterprises
- GE
- GeoFields
- Kinder Morgan
- New Century Software
- ONEOK
- PODS Association

## *Board of Directors*

- Scott Blumenstock, Sunoco Logistics
- Rob Brook, ESRI
- Ron Brush, New Century Software
- Mark Goodman, ONEOK
- Kenneth Greer, CenterPoint Energy
- Scott Hills, Chevron
- Michael King, BP
- JW Lucas, EPCO
- Scott Moravec, Eagle Information Mapping
- Terrie Spicer, Kinder Morgan
- Chad Zamarin, Colonial Pipeline

## *The PODS Model*

- A comprehensive pipeline data model
- Primarily used for operations and integrity management
- Designed for gas and liquids
- Designed for gathering and transmission lines
- Open data model

# *Registration Statistics*

- 109 registered attendees
- Representing 6 countries
  - Austria
  - China
  - Canada
  - India
  - France
  - United States (14 states)
- Representing 60 different companies
  - Representing 42 service providers
  - Representing 17 different operators
  - Representing 3 associations

# *Operator Attendees*

- Air Liquide
- Anadarko
- BP
- CenterPoint Energy
- Chevron
- ConocoPhillips
- DCP Midstream
- Energy Transfer
- EPCO
- Exxon Mobil
- Kinder Morgan
- ONEOK
- Oxy USA
- Plains All American Pipeline
- Sunoco
- Total Infrastructures Gaz France
- Williams

# *Membership Statistics*

## 94 Members

- 1 Association
- 2 Government agencies
- 62 Service Providers
- 29 Operators

# *Membership Statistics – Countries Represented*

- Austria
- Brazil
- Canada
- China
- France
- Germany
- Greece
- India
- Indonesia
- Russia
- United States

## *Operators Using the PODS Data Model*

- CenterPoint Energy
- Kinder Morgan
- ConocoPhillips
- Chevron
- DCP Midstream
- Southwest Gas
- Total Infrastructures
- Gaz France
- Koch Pipeline
- BP
- Enterprise
- ONEOK
- Boardwalk Pipelines
- Xcel Energy
- Anadarko



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# *Technical Committee Update*

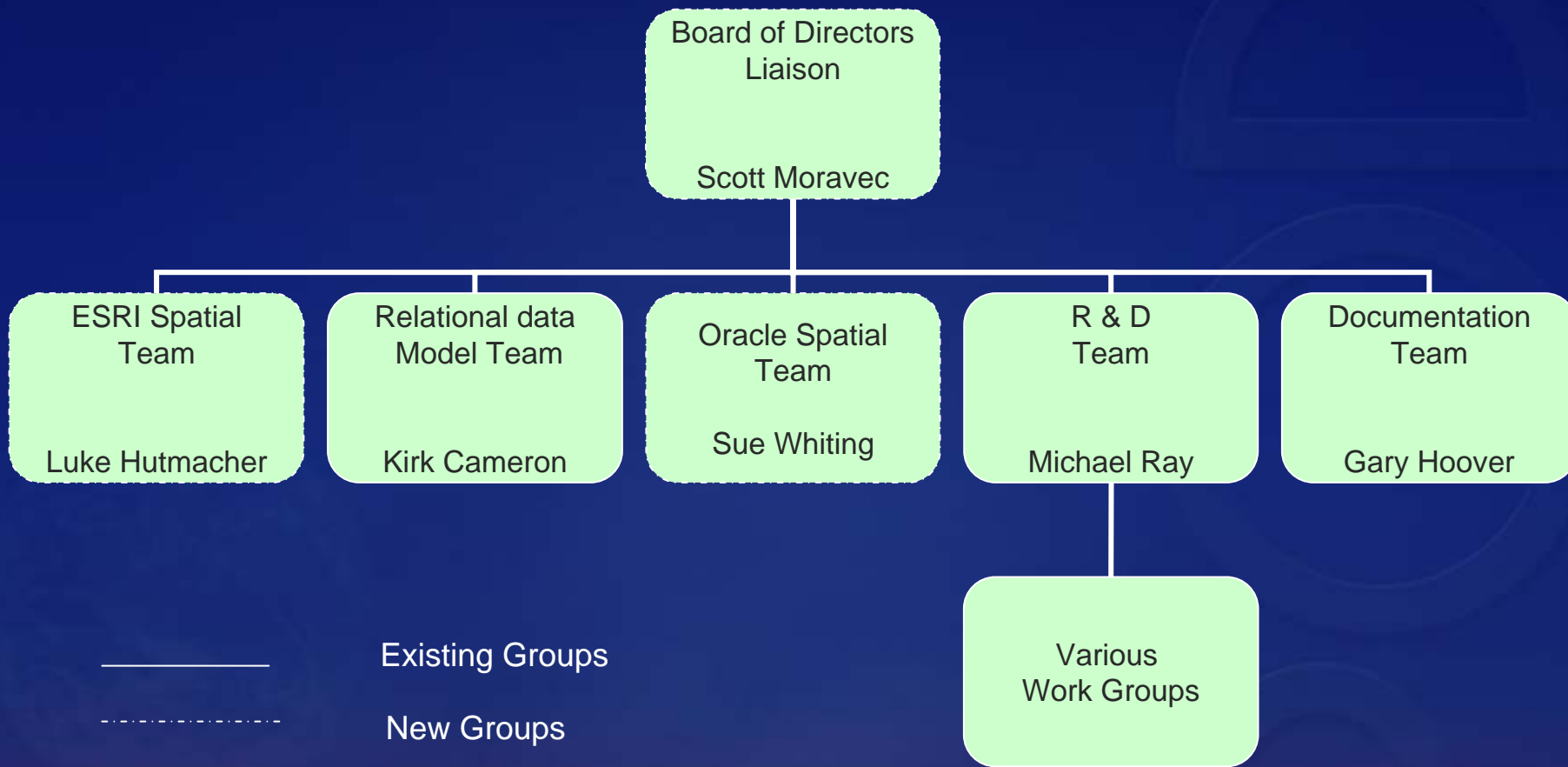
# *Technical Committee*

- Rod Burden, Moore Resources
- Kirk Cameron, New Century Software
- John Chioles, Chevron
- Mikel Collins, ConocoPhillips
- Michael Emanuel, Baker
- Bryan Ferguson, BP
- Gary Hoover, EPCO
- Luke Hutmacher, Willbros
- Olga Ingerman, Fluor
- Janice Jett, Eagle Information Mapping
- Costas Kotzabassis, BITS
- Sterling Overturf, ONEOK
- Michael Ray, Stantec Consulting
- Yan Wang, Geonamic Systems
- Rodger Weller, GE
- Sue Whiting, Ubisense
- Teresa Young, GeoFields

# *Technical Committee*

- Steering Group
  - Restructuring
  - Roles & Responsibilities
- Policy Changes
  - Better Processes
  - Increase Participation
- Teams - Roles & Responsibilities

# *PODS Technical Committee Steering Group*



## *Technical Committee*

### *Steering Group Roles & Responsibilities (1)*

- Membership comprised of the following:
  - Coordinator – Member of the Board of Directors
    - Manage communications between the Board of Directors and the Technical Committee Steering Group
    - Act as Chairperson of the Technical Committee Steering Group
    - This position will renew annually at the direction of the Board of Directors
  - Standing Committee Chairpersons
    - Act as Chairperson of their respective Standing Committee
    - These positions will renew annually at the direction of each Standing Committee
    - The Chartered Working Groups report through the Standing Committees
  - Release Manager?

## *Technical Committee*

### *Steering Group Roles & Responsibilities (2)*

- All members participate in the activities of the Technical Committee Steering Group
- Ensure alignment with the business directions set by the Board of Directors
  - Recommend technical directions that align with the business directions set by the Board of Directors
  - Plan technical activities that conform with the technical directions approved by the Board of Directors
- Coordinate activities between the Standing Committees
  - Ensure communication
  - Ensure alignment
  - Plan and coordinate releases
- Arbitrate technical issues
- Meet monthly to carry out duties

# *Relational Data Model Committee Update*

Kirk Cameron – New Century Software, Inc.

## *Status Update*

- Feedback from PODS Members received from the PODS Board on January 21, 2009
- Relational Data Model Committee have completed the initial review of the feedback

## *Status Update*

- Comments fall into the following categories:
  - Documentation changes
  - Implementation Guide changes
  - Obvious corrections
  - Items that need more discussion within the Technical Committee

## *Status Update*

- PODS 5 Enhancements
  - Covered in Introduction to PODS Seminar
    - 3:15 – 5:00

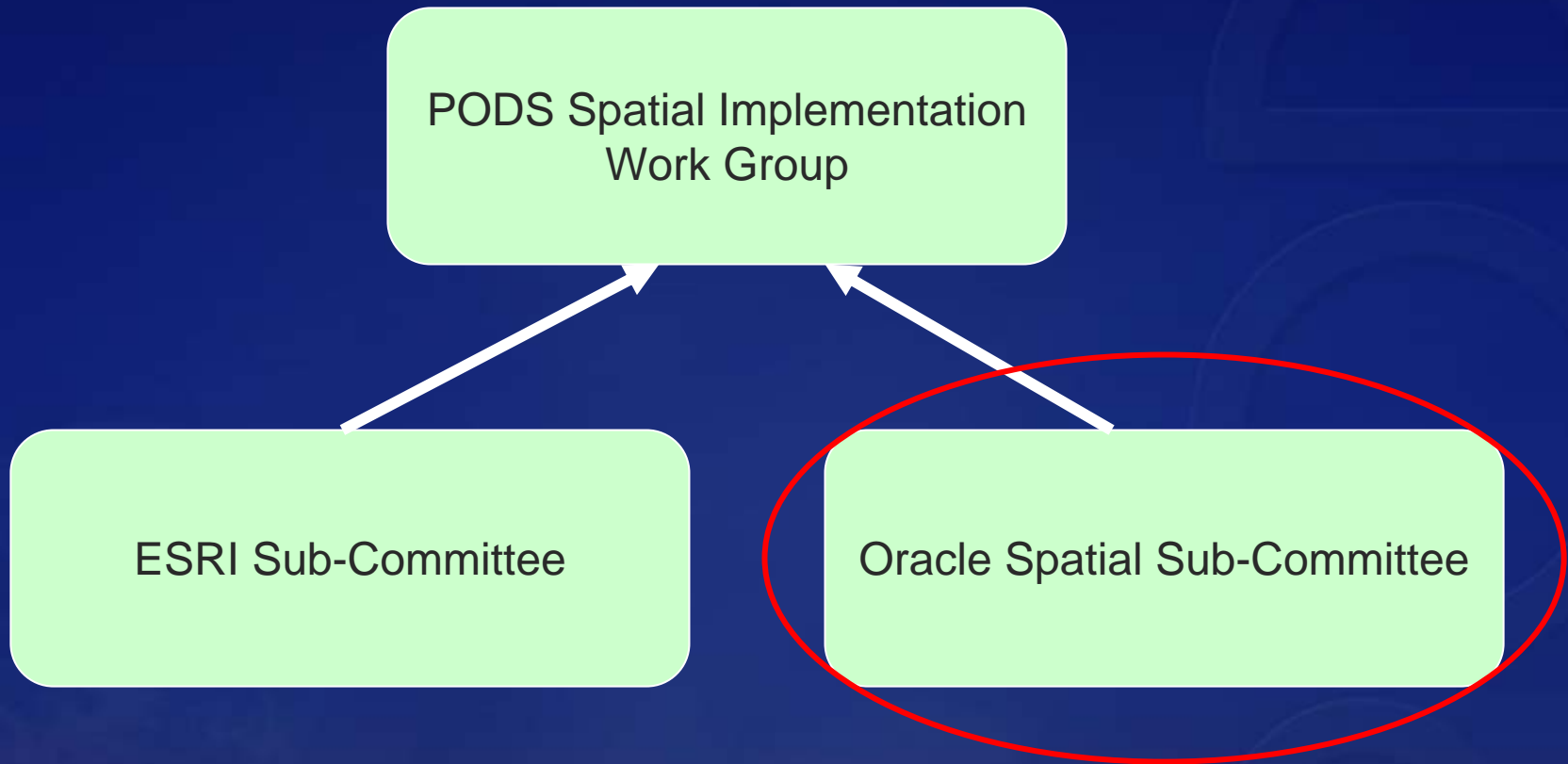


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# *PODS Oracle Spatial Work Group*

April 1, 2009

# Who are we?



# *Charter Overview*

Development of industry standard PODS-compatible database model(s) or extension(s) that will spatially enable the PODS database to facilitate proprietary applications and PODS GIS integration.

## **Objective**

Maintain the "vendor neutral" open concept but at the same time recognize the need to integrate with proprietary spatial technologies.

# *Working Group Members*

## *Many Thanks to ALL!*

Louis Ball		Autodesk
Kirk Cameron		New Century Software
Michael Frost		Intergraph 
Brad Grabowski		GE
Joe Haller		Southwest Gas
Tony Lopez		eSpatial
Michael King		BP
Blake Philpot		GE
Siva Ravada		Oracle Spatial
Alan Saunders		Autodesk
Paul Scarponcini		Bentley
Francois Valois		Bentley
Sue Whiting		Ubisense Consulting

# *The News*

- WE HAVE DATA!

## *Next Steps*

- Presentation today
  - Feedback as it will drive the best way to document.
- Documentation
- Final review of SQL scripts by Workgroup (Oracle) and the TC.
- Distribute for comments
- And then we can finally say we are done.



PIPELINE OPEN DATA STANDARD

# *PODS Association Strategic Plan*

## *Strategic Plan Task Force*

- Scott Blumenstock
- Rob Brook
- Ron Brush
- JW Lucas
- Sheila Wilson

# ***PODS Association Vision***

## ***(2000 GRI Report)***

- Maintain the Pipeline Open Data Standard
- Promote shared application development
- Implement a PODS Certification Process
- Encourage proactive member involvement
- Prioritize by business needs
- Leverage voluntary and special contributions
- Ensure change by member consensus

# ***PODS Association Vision***

## ***(2000 GRI Report)***

- ✓ Maintain the Pipeline Open Data Standard
- Promote shared application development
- Implement a PODS Certification Process
- ✓ Encourage proactive member involvement
- ✓ Prioritize by business needs
- ✓ Leverage voluntary and special contributions
- ✓ Ensure change by member consensus

## *Long Term Vision*

*(2000 GRI Report)*

“The long-term vision is a model that embraces the major pipeline business subjects, encompassing construction, operations, marketing, plus related management and administrative functions. The model can be extended as directed by membership. Each topic and level of detail within a topic will be driven by its value to the industry.”