

In this issue:

- ❖ President's Message
- ❖ PipeBULKLOAD Product Announcement
- ❖ PODS 3.x Releases
- ❖ President's Visit
- ❖ Partnership Projects

Fall Events for 2004:

- ❖ Winter Workshops
- ❖ Customer Comments
- ❖ The 13<sup>th</sup> GITA Conference Houston, TX
- ❖ Customer Sound Off "Operator's Comments"

President's Message:

Summer is over and the children are back in school. The year has gone rather quickly without an opportunity to catch one's breath. I know all our readers are quite busy – a condition which is much influenced by dynamics such as the economy, safety, security, and company re-organizations to support acquisitions, mergers, productivity & efficiency programs: dynamics which seem to have very much become the new order of business...

The MOORE strategy of broadening into a wider range of pipeline management applications to complement its renowned data services – conversion, integration and migration with integrity management and compliance has been well received by the pipeline industry. MOORE supports open systems and templates such as PODS and APDM where MOORE participates in the technical committees by appointing its staffers.

In closing, I would like to thank all of those clients who so generously gave their time to meet with me during my annual President's visits including the GITA '04 Conference in Houston. To those whom I have not yet had an opportunity to visit, I look forward to doing so in the near future. A customer satisfaction survey will be sent out giving you an opportunity to determine your level of satisfaction with products and services to assess which enhancements/improvements you would like to see in our products and services offerings. MOORE encourages Pilot Programs to demonstrate our "Value" to the Pipeline Industry. Please contact Keith Cote at 713.398.6225/ [kcote@moorers.com](mailto:kcote@moorers.com) for information concerning these programs.

Respectfully,

Andrew Nellestyn PhD PEng  
President - MOORE Resource Systems / Enghouse  
Systems Limited - Asset Management Division  
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# PipeNEWS

## **PipeBULKLOAD**

*PipeBulkLoad* is the enterprise database-loading tool contained in the PipeWORKS suite of applications from MOORE Resource Systems (MOORE). *PipeBulkLoad* is tailor made for the pipeline transmission industry, and facilitates the bulk import of pipeline data into an enterprise database. *PipeBulkLoad* provides an easy-to-use, point-and-click environment that works with your existing data architecture.

*PipeBulkLoad* supports a variety of input formats including Microsoft SQL Server, Microsoft Access, Microsoft Excel and ASCII text. Users can build their own templates that map an input file to the enterprise database. Templates can be saved and used again.

Once a template is defined, *PipeBulkLoad* does all the work! Your input data is evaluated against a series of data integrity validation checks. Source data issues are reported to the user in an easy-to-read format preventing the introduction of integrity issues into your database. New code domain values in your source data can be added to the enterprise at the touch of a button.

*PipeBulkLoad* is a tool that will help your business:

- Quickly integrate field survey data into your enterprise database.
- Establish guidelines for a consistent data delivery from your contractors.
- Identify issues in your source data files BEFORE they are introduced into the enterprise database.
- Streamline the migration / building effort for your asset database.
- Reduce the backlog of data pending import into your enterprise database.

*PipeBulkLoad* is the ideal application solution for businesses that have a large amount of pipeline asset data that must be integrated into a central database. *PipeBulkLoad* is also ideal for on going bulk data imports. Any business that regularly receives pipeline asset data in a bulk fashion will be able to take advantage of this powerful tool.

*PipeBulkLoad* benefits:

- Improve data management by timely integration of large data files.
- Improve staff productivity by automating the import of one-time data sets and regular, recurring data sets also.
- Make pipeline asset information more readily available to the people who need it.

**PipeWORKS** is a suite of applications, which includes PipeASG, PipeEDIT, PipeMAP, PipeNET, PipeNPMS and PipeASD. **Please Visit: [www.moorers.com](http://www.moorers.com)**

# PipeNEWS

## **PODS 3.3 enhancements:**

As a member of the PODS Technical Committee, MOORE continues to be actively involved in the development and enhancement of the PODS model. What's coming:

- **Improve HCA data support**  
– *HCA Identified Sites, Potential Impact Distance*
- **Improved NPMS & Texas RRC data maintenance**
- **Improved support for application interoperability**  
– *PODS database, application, and user metadata*  
– *Field configuration data (e.g., alias, trigger)*
- **Standardize Description column**  
– *Deprecate Comments column in event tables*
- **Integrate new ILI submodel**  
– *Replace most of existing submodel with three new tables*  
– *Potential Oct. field trial*  
– *Documentation to facilitate adoption still needed (e.g., format specification for use as contract attachment)*

*Thanks to Scott Hills of ChevronTexaco for his GITA PODS Presentation - SJHills@chevrontexaco.com  
See MOORE Resource Systems web site for the full presentation*

These modifications have been presented to the PODS Board of Directors for final review and feedback. It is expected that the model will be formally released as Version 3.2 in April 2004.

The MOORE product line already supports Version 3.2 in anticipation of its formal release. If you have questions about the model changes or are wondering how to move your data to Version 3.2, give us a call @ 713.937.8961 Keith Cote or 905.854.1607 ext 232 Rod Burden

**ABOUT PODS ([www.pods.org](http://www.pods.org))**

## **HOW TO BECOME A MEMBER**

The PODS™ Association, Inc. is currently accepting new members. Annual corporate membership is only \$1,000 (US) per company. Application and payment can be submitted to Keith Lewis at the Gas Technology Institute. Membership fees cover the cost of committee conference calls, publication of the CD, web site and literature publication and advertisements. The membership application can be downloaded from <http://www.pods.org/Association/MembershipLetter.pdf>.

If you are currently using the PODS™ data model or plan to, we encourage you to join the association and contribute your time, suggestions and ideas. PODS™ Association membership is not required to use the PODS data model.

# PipeNEWS

## **MOORE Resource Systems Annual President's Visit**

Dr. Andrew Nellestyn President of Enghouse Asset Management Division/MOORE Resource Systems will be visiting the Pipeline Industry Community North America in September 2004. Please feel free to contact MOORE for a status report and future direction of MOORE Resource Systems, Enghouse Asset Management Division. Feedback from the pipeline community is essential for our software development directions and scope of professional services for Integrity Management Programs. 905.854.1607 ext. 240

## **MOORE Resource Systems Partnership Projects:**

MOORE continues to strive for excellence in providing Pipeline Industry Operators with the Best-Of-Breed Products/Services. Integrity Management drives the business; in this regard projects including HCA, ILI, CIS, RISK are forever projects on the table to satisfy DOT/OPS Requirements. Initial Projects for Conversion, Integration, and Migration have begun with Bass Trigon.

“ As a full service provider of integrity management engineering and software, Bass Trigon is working with MOORE Resource Systems to support the strategic effort to fully integrate GIS with RISK Analysis Data and Applications to provide a “Total Solution” for our industry. We believe that the expertise between both Bass Trigon/ & MOORE will fully compliment the need to Access, Analyze and Publish critical data elements for Integrity Management Programs.”

Mike Gloven – President  
Bass Trigon – Denver, Colorado

## **MOORE Resource Systems Winter Workshop Series**

Moore is planning winter workshops for Houston, TX and Calgary, AB in the later part of 2004. The workshop is for the pipeline industry community interested in a “Hands-On” experience utilizing an Enterprise Data Base Model for Data Maintenance, Data Editing, and Data Reporting for Integrity Management Programs. The dates and agenda will be posted next month for each city. On the MOORE website – [www.moorers.com](http://www.moorers.com)

## **Comments from Our Customers:**

“Enterprise Products Operating L.P. (EPOLP) has contracted MOORE Resource Systems (MOORE) to build an Enterprise Data Model. This decision was based on the Technical Merit of MOORE providing to EPOLP Professional Technical Services and Software TOOLS to build and maintain our pipeline centerline and corresponding meta data. MOORE’s Staff has demonstrated that they are very capable of working with multiple data stores and integrating – converting - migrating critical data elements. EPOLP is very excited about the project and looking forward to a successful completion.”

Russ Martin – Supervisor Records/Data/GIS  
Enterprise Products operating L.P. – Houston, Texas

# PipeNEWS

## EVENTS:

### The 13<sup>th</sup> Annual GIS for Oil & Gas Conference and Exhibition

The 13th Annual GIS for Oil & Gas Conference and Exhibition is the world's largest gathering of oil and gas GIS professionals -September 20-22, 2004 J.W. Marriott Hotel – Houston, Texas USA. This year's attendance was over 650, Chairman – Greg McCool – El Paso Corporation.

This years presenters all had many years of industry experience in their fields which included Solutions Spotlight about integrity management, HCA analysis, data management, GIS/IMP Data integration, ROI and much more...

The executive panel from El Paso Energy, Centerpoint Energy, Panhandle Energy and Kinder Morgan discussed important issues that included Data Conversion, Pilot Projects, Paperless Office, Public Awareness, and GIS – who owns it, are users happy, where is it going? Provided very lively discussion.

Special thanks to Greg McCool for doing a terrific job!

## Customer Sound Off:

Each quarter's PipeNEWS will have in this section pipeline operator's comments and feedback to support this industry newsletter. Please use this as a bulletin board to give us your ideas, comments, suggestions, and things you feel are needed for pipeline industry operator's success. Thanks in advance from MOORE Resource Systems:

*"The most significant costs associated with a GIS project are those associated with legacy data conversion. The data conversion process needs to be well planned for successful implementation, identifying all fields in the data model to be populated and the source documents to be associated for each data field. Consult with your peers to identify lessons learned by others, and I would also strongly suggest implementing a pilot project to determine your specific requirements and how applications will access the information. The key to uniformity and industry standards lies in the QA.QC of the deliverables, with appropriate application testing and data review. Moore Resource Systems has demonstrated their expertise in evaluating our existing data model and identifying data structures that may be inconsistent with industry standards and could prohibit the use of available software applications."*

*Terrie W. Spicer  
Manager CAD / Mapping – Kinder Morgan*