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"Operator's Comments"

President's Message:

On behalf of all the staff at Enghouse/MOORE, I would like to wish all our clients and readers a Happy and Prosperous New Year. I would also like to thank you for your continued support of MOORE Resource Systems Professional Services for Data Conversion/Integration Projects. It is greatly appreciated and reciprocated by our assurance of commitment to you, our customers.

2002 saw the launch of our PipeWORKS Product Suite. In 2003 we added PipeNPMS to that portfolio. In 2004 we added PipeHCA. PipeILI will be available summer of 2004.

To those of our clients and staff who have contributed to this issue, I would like to extend my thanks for your participation. PipeNEWS is one of several communications vehicles we at MOORE use to ensure that we are aware of your requirements. Design Sessions, Conference Calls, Web DEMOS and, client visits for individual discussions are all complementary to our objective to learn from our customers as well as instill in our customers our commitment to our products.

Andrew Nellestyn PhD PEng
President
MOORE Resource Systems
Enghouse Systems Limited
Asset Management Division

PipeNEWS

PipeHCA

PipeHCA is the High Consequence Area Risk Analysis module of MOORE's PipeWORKS suite of applications. *PipeHCA* is tailor made for the pipeline transmission industry, and generates reports in a format required by an operator's Integrity Management Program (IMP). *PipeHCA* works with your existing data management system to provide graphical and tabular reports to assess the risks associated with pipeline segments affecting High Consequence Areas (HCA's).

PipeHCA is a flexible read-only ESRI based application that allows an operator to meet the required regulations established by the Department of Transportation (DOT) for Liquid and Gas commodities.

PipeHCA currently, is aimed at operators of hazardous *Liquid* pipeline facilities with more than 500 total miles. Three levels of impact analysis are taken into consideration, which combine to provide a complete, conservative method to impact modeling: *Direct Impact Analysis*, *Indirect Impact Analysis* and *Potential Impact Analysis*.

PipeHCA is a tool that will help your business:

- Remain compliant with DOT regulations.
- Retrieve relevant information from your corporate database and present it in the report format required by DOT.
- Identify all pipeline segments that could affect HCA's.
- Produce up-to-date analysis data when it is needed.
- Make information more reliable to the people who need it.

PipeHCA is the ideal application solution for businesses that are building an Integrity Management Program (IMP). Your engineers can use *PipeHCA* to effectively assess risk and facilitate decision-making in managing pipeline integrity.

PipeHCA benefits:

- Improve Integrity Management by timely reporting of changes to the pipeline facility asset base.
- Improve staff productivity by auto-generating a single report or multiple reports for a particular pipeline segment while your staff work on other tasks simultaneously.
- Make information more reliable to the people who need it.

PipeHCA will incorporate features for *Gas* impact analysis in late calendar year 2004.

PipeHCA is one element of the Risk Management and Pipeline Integrity services portfolio MOORE offers to enable your company to address the current focus on pipeline safety and security issues.

PipeWORKS is a suite of applications, which includes PipeASG, PipeEDIT, PipeMAP, PipeNET and PipeNPMS. **Please Visit: www.moorers.com**

PipeNEWS

PODS Release 3.2

PODS Release 3.2

As a member of the PODS Technical Committee, MOORE continues to be actively involved in the development and enhancement of the PODS model. The most recent modifications to the model (Version 3.2) include:

- Addition of various geo-political tables;
- Improved consistency within CL and GCL tables and fields;
- Addition of a PROFILE table;
- Added support for alignment sheet definitions;
- Additional subcode lookups for coating, valve and product type;
- Addition of COORDINATE source type tables for storing metadata information about each coordinate

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 or 905.854.1607 ext 232

ABOUT PODS (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.

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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 February/March 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 hires new Data Base Administrator

MOORE is pleased to welcome **John Hanemaayer** to MOORE Resource Systems as **Sr. Database Administrator** reporting directly to David Stortini, Director of Operations.

John's primary duties will involve the maintenance and support of MOORE's various databases as well as the verification, packaging and delivery of data scripts to the company's clients. He will provide support and input to the development staff, work on data migration projects and represent MOORE on the PODS Technical Committee.

John is a graduate from the University of Waterloo, BA (Mathematics), with eighteen years of diversified experience in database design and architecture, database administration, application/database development, data migration, project management, systems analysis and programming in various hardware and networking environments.

MOORE Resource Systems Summer Workshop Series

Moore is planning summer workshops for Houston, TX and Calgary, AB in the summer of 2004. The workshop is for the pipeline industry community interested in a "Hands-On" experience utilizing a PODS Enterprise Data Base 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

PipeNEWS

Comments from Our Customers:

“ChevronTexaco has found MOORE Resource Systems to be unparalleled in its capability to apply data conversion and data integration techniques to multiple elements within complex databases in PODS format. MOORE's work ethic and commitment to delivering 'on-time and within budget' is the reason we continue to partner with them on mission critical projects.”

Pamela West,
Chevron Pipe Line Company

EVENTS:

ESRI-PUG

You are invited to the 2004 Petroleum User Group (PUG) Conference and Vendor Faire to be held February 23-24, 2004, at the JW Marriott Hotel in Houston, Texas.

Supporters like you sponsor the PUG event. By relying on vendor sponsors, we are able to maintain the PUG policy of free admission to all interested geographic information system (GIS) professionals, thus maximizing attendee participation. This year's event includes expanded exhibitor hours-the exhibit hall will be open beginning Monday at noon; during the Monday evening reception; and all day Tuesday, February 24. This year there will be a buffet lunch available in the Vendor Faire area both Monday and Tuesday.

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.