

## Press Release

# ROSEN GROUP AT THE INTERNATIONAL PIPELINE PIGGING & INTEGRITY MANAGEMENT (PPIM) CONFERENCE IN HOUSTON (FEB. 9-12) SHARING FIRST-HAND EXPERIENCE IN THE FIELD OF INTEGRITY MANAGEMENT

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**Houston (US), Stans, (CH), January 26th, 2015** - "It is our pleasure to be – once again - the main sponsor for this important forum of industry experts with over 120 companies attending", says Chris F. Yoxall, Executive Vice President, ROSEN USA, who looks back at over 20 years of industry experience.

According to the organizer PPIM is the "industry's only forum devoted exclusively to pigging for maintenance and inspection, as well as pipeline integrity evaluation and repair. The conference will draw engineering management and field operating personnel from both transmission and distribution companies concerned with improving operations and integrity management."

This makes PPIM unique in the industry and an important forum for ROSEN to actively participate in. "We are proud of being given the opportunity to demonstrate again our expertise in providing solutions for our customers applications as well as addressing future challenges for both our customers and the industry," says Chris F. Yoxall, who is globally active with industry memberships and involved in development and oversight of standards and practices related to pipeline inspection and integrity assessment, including PRCI, ASME, NACE, and APIA.

This year, the PPIM has clustered the topics under the following key aspects: Utility tools and applications, ILI interpretation, cracks and their identification, welds and materials, offshore issues as well as ILI data.

### **Other active parts of the ROSEN Group include the following:**

Together with key experts from the industry Thomas Beuker, Director Corporate Marketing Pipelines, ROSEN Group, will discuss the advances in ILI crack and seam-weld assessments on a high-level represented panel taking place on **Wednesday, February 11<sup>th</sup>**.

### **Thursday, February 12<sup>th</sup> at 9 a.m.**

#### **"MAOP validation and pipe grade determination using ILI technologies"**

**Dr. Daniel Molenda, Werner Thale, and Thomas Eiken (all Rosen Technology & Research Center, Germany)**

Dr. Daniel Molenda, Senior Project Manager, Sensor & Algorithm Design, will present a paper on a novel ILI system that ROSEN has developed and tested for measuring the yield strength of pipeline steel. This paper introduces the fundamental principles of this new system and outlines first results obtained from small- and large-scale testing.

### **Thursday, February 12<sup>th</sup> at 9 a.m.**

#### **"Integrity management of loading line systems"**

**Frank J. Mueller, ROSEN Group Dubai, UAE; Guenter Sundag, ROSEN Group, Houston TX, US; Stefan Vages ROSEN Group, Calgary, CAN and Jaime Lopez, ROSEN Group, Nueva Anzures, Mexico**

Frank Mueller, Advanced Solutions Officer, Special Projects will present a paper that discusses the practical application of free-swimming bi-directional inspection tools including pre-inspection cleaning, various options to obtain access, alternatives to create the required operation conditions, and the application of gyro technology to measure pipeline.

**Thursday, February 12<sup>th</sup>, 9:30 a.m.**

**“Combining speed-control function and wye passage in a long subsea gas line – a case study”  
Dr. Hubert Lindner, ROSEN Technology & Research Center, Germany, Hans van Remmerden,  
ROSEN Group, USA, and Amit Shamgar, Williams Transco, USA**

Dr. Hubert Lindner, Internal Pigging Application Consultant, will present this paper, that discusses the inspection of a gas pipeline with a challenging combination of parameters and operational conditions: 36-in diameter, about 700 km length, high wall thickness, high pressure and flow rates, and a subsea wye piece, requirements that are very demanding for inspection tools. The complex interaction of the features significantly increases the challenge for the tool designer, and the combination of high flow rate, high wall thickness, and the wye piece passage, particularly, required special attention.

**ROSEN Presents The Integrated Approach For Maximum Allowable Operating Pressure Validation**

“Missing Data?” Many pipeline operators face uncertainties regarding the Yield Strength (YS) of the pipeline material to establish a maximum allowable operating pressure (MAOP). At the PPIM we present how our unique Integrated Approach is capable of fulfilling the requirements of MAOP validation comprehensively and holistically. This turn-key deliverable comprises of three complementary activities: Integrity services, engineering services and the completely new “RoMat” diagnostic service, which is the world’s first inline inspection service capable of continuously identifying and differentiating the Pipe Steel Grade. All activities are aligned to PHMSA’s integrity verification process (IVP) for pipeline safety and can be combined and adjusted to our clients project specific needs. Visit our booth and discover how “We close the Gap” and serve the industry to ensure pipeline records to be traceable, verifiable and complete.

**Please visit the ROSEN Booth at #201 and 300 to learn more about our technology first hand.**

You are also cordially invited to celebrate together with the ROSEN Colleagues Ray Lewis’ Birthday Party on February 10<sup>th</sup>, from 7 to 10 p.m. at Marriott Westchase Hotel in Houston. Ray is in Icon in the Industry. As former Director for the ROSEN Group he is still involved in many industry associations in the Oil & Gas Industry.

Link to an interview with Ray: <https://www.youtube.com/watch?v=1tXAg--GZMs>

**About the ROSEN Group:**

ROSEN is a leading privately owned company that was established as a one-man business in 1981. Over the last 30 years, ROSEN has grown rapidly and is today a worldwide technology group that operates in more than 120 countries with over 2,200 employees.

The key to our highly innovation driven approach is listening carefully to the specific needs and challenges of our customers. “Empowered by technology” is the promise that we at ROSEN systematically deliver by enhancing the operations of our customers and making them safe, cost-effective and more efficient.

We are a worldwide provider of cutting-edge solutions in all areas of the integrity process chain suiting a wide range of industries: Oil & Gas, Energy, Process, Mining, Manufacturing, Telecommunications and Transportation for a wide range of assets, including pipeline, tanks and vessels as well as wind turbines, trains, telecommunication towers and many more.

ROSEN’s products and services:

- Inspection of critical industrial assets to ensure reliable operations of the highest standards and effectiveness
- Customized engineering consultancy providing efficient asset integrity management
- Production and supply of customized novel systems and products

- Market-driven, topical state-of-the-art research and development providing “added value” products and services

For more information about the ROSEN Group, go to [www.rosen-group.com](http://www.rosen-group.com).

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