



# Offshore Technology Conference (OTC)

May 4–7, 2015 • NRG Park • Houston, TX  
2015.otcnet.org



The Offshore Technology Conference (OTC) is an annual event where more than 90,000 energy professionals meet to advance their scientific and technical knowledge related to offshore resources in the fields of drilling, exploration, production, and environmental protection.

## Inventory Aid Simplifies Pipe-Tallying Activities



Operators can use this pipe-tally system to scan casings and pipes to produce a tally report. An optional Bluetooth label-printing package allows users to print individual pipe labels that can be placed on each joint during tallying. The high-tack labels travel with the pipe, and ensure that the joint number and pipe length data are readily available. A new laser scanning system, which includes an industrial mobile controller with an embedded barcode scanner, reads a barcode printed on the label.

**Digi-Tally** Booth 12413  
[www.digi-tally.com](http://www.digi-tally.com)

## Equipment Automates Coating of Pipe Joints for Corrosion Protection



IntelliCOAT is a fully automated system that applies a heat-shrinkable coating to pipeline field joints for corrosion protection. It creates a

seamless, sleeve-like anti-corrosion coating over the entire length of the pipeline, without compromising the joints. A customized recipe can be developed for each unique application. The machine applies the sleeves in an identical and consistent manner, with tight control over the heating intensity, time, and sequence to ensure high quality. To operate the device, the operator simply lowers the equipment onto the pre-positioned sleeve; the rest of the process is automated, minimizing sources of variation. The system is suitable for 4-in. to 60-in. o.d. pipes.

**Canusa-CPS** Booth 3355  
[www.canusa-cps.com](http://www.canusa-cps.com)

## Software Performs Fluid Flow Analysis



PIPENET Vision is a fluid-flow analysis package for applications in the oil and gas, power, and petrochemical industries. The latest release, Version 1.7.1, offers improved functionality while maintaining the easy-to-use interface customers expect. Three modules that can be licensed individually or as a combination are available for a range of applications. The spray/sprinkler module is specifically intended for the design of fire protection systems that use water. For modeling unsteady-state events, such as water hammer and steam hammer, the transient module can calculate hydraulic transient forces and model control systems extensively. The standard,

general-purpose module can deal with compressible, as well as incompressible, flow.

**Sunrise Systems** Booth 11705  
[www.sunrise-sys.com](http://www.sunrise-sys.com)

## Choke-and-Kill Hose Is Certified to Meet API Spec 16C



The Black Gold Xtreme choke-and-kill hose complies with American Petroleum Institute (API) Spec 16C. This specification covers all components of a well pressure-control system, and includes sections specific to the survival of choke-and-kill when control of well pressure is critical during drilling operations. The hose is rated for a working pressure of 10,000 psi, and is appropriate for static- and dynamic-pressure applications, directional drilling, negative-pressure pulses, and elevated mud temperatures. Because it is manufactured in the U.S., North American facilities can benefit from shorter delivery times (which can average 22 weeks when ordered from abroad).

**Gates** Booth 8007  
[www.gates.com](http://www.gates.com)

## Larger-Diameter Seals Resist Harsh Conditions

To meet the need for a high-performance sealing option for offshore mooring systems, rotary steerables, swivel stacks, and other equipment where the integrity of the fluid path is threatened by unforgiving conditions, the manufacturer has expanded its line of spring-energized seals to include large diameters —



up to 120 in. i.d. The one-piece, low-friction seals offer equipment designers and end-users enhanced resistance to wear, extrusion, and chemicals. They are available in a variety of materials, including polymer-filled polytetrafluoroethylene (PTFE), graphite/glass-filled PTFE, and glass-fiber-reinforced PTFE with lubricant. The graphite-filled PTFE is appropriate for temperatures ranging from  $-450^{\circ}\text{F}$  to  $475^{\circ}\text{F}$ , while the other options have an extended operating range of  $-450^{\circ}\text{F}$  to  $500^{\circ}\text{F}$ .

**Bal Seal Engineering** Booth 3605  
[www.balseal.com](http://www.balseal.com)

### **Fabrication Software Consolidates Production Information**



Smart Production powered by NESTIX enables fabricators to control the entire module/block production process — from digital design to parts fabrication through the completion of subassemblies, pipe spools, panels, and module/block assemblies. The production-oriented software supports lean manufacturing by con-

taining work preparation, part nesting functions, numerical control (NC) generation, and load balancing in one integrated solution. Consolidating project information and processes reduces total costs and improves productivity.

**Intergraph** Booth 12100  
[www.intergraph.com](http://www.intergraph.com)

### **Service Provides a Multi-Perspective Assessment of Cement Quality**

SecureView is an evaluation service that employs a combination of tools to assess and monitor casing and cement quality. The Ultraview radial scanner uses a rotating ultrasonic transmitter/receiver to scan the borehole and calculate cement properties. These mechanical measurements are validated by the CalView multisensory-caliper tool, which offers a complementary inner diameter measurement of the casing. The FluxView magnetic-flux leakage detector identifies anomalies in or near the casing collars. A sonic transmitter and two receivers employed by the Bondview tool provide amplitude, travel time, signature, and variable density log (VDL) data. The company utilizes all of these instruments in a single visit to minimize nonproductive time.

**Weatherford** Booth 3541  
[www.weatherford.com](http://www.weatherford.com)

### **Subsea Vehicle Is Nimble and Easy to Use**

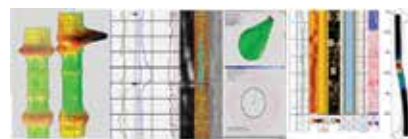
The DTX2 subsea vehicle combines the manufacturer's popular pitch mechanism with four powerful, vectored thrusters for enhanced maneuverability. The integrated vectored thrusters allow for lateral movement in the horizontal plane, and activating the pitch system enables simultaneous vertical and lateral movement. The vehicle, which is powered by onboard rechargeable batteries, is rated for



depths of up to 1,000 ft and achieves speeds approaching 3.5 knots and thrust over 28 lb. It includes standard sensors for heading, depth, and temperature, with other options available for increased intelligence.

**Deep Trekker** Booth 6408  
[www.deeptrekker.com](http://www.deeptrekker.com)

### **Software Enables Interdepartmental Collaboration**



Oil and gas companies are faced with ever increasing complexity and risk. To effectively demonstrate compliance, maintain safety, reduce costs, and expedite management of change (MOC), organizations can benefit from an integrated collaboration platform like Ming.le. This system offers a visually appealing user experience and networking tools to help deliver relevant data to employees, connect colleagues by functional responsibility, and reduce reliance on less-efficient processes like email. When all employees across multiple departments have access to the same real-time data, collaboration requires less effort. Ming.le can be integrated with the developer's and third-party systems to enable the visibility and connectivity necessary for organizations to make better decisions regarding maintenance, energy consumption, and equipment.

**Infor** Booth 7629  
[www.infor.com](http://www.infor.com)