



Offshore Technology Conference

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www.otcnet.org/2014

Prefabricated Tubing Bundles Come Pre-Insulated or Heat-Traced



These jacketed process tubing bundles can be supplied with insulation, steam tracing, or electric heat tracing. They are available with copper, stainless steel, high alloy, or fluoropolymer process tubing, as well as a wide variety of insulation and jacket materials. Traced bundles incorporate steam tubing or electric heat tracing with either self-regulating or constant-wattage heating elements. They can be used to protect viscous materials from freezing, to avoid gas condensation, and to maintain process temperatures, among other applications. Prefabricated tube bundles simplify installation and can reduce costs by up to 40% compared to field fabrication.

Chromalox, Inc.
www.chromalox.com
Booth 11425

Enhanced Oil Recovery System Increases Oil Extraction

When conventional oil extraction from a reservoir has been completed, as much as two-thirds of the oil is typically left behind. Enhanced oil recovery (EOR) can then be used to get substantially more crude oil out of the reservoir. These enhanced oil recovery detergents (ENORDET)s can be added to water to further improve EOR by allowing the oil and water to

mix. The ENORDET system consists of three components: soda-ash (alkali), detergent (surfactant), and thickener (polymer).

Shell Chemicals
www.shell.com/chemicals
Booth 1368

Job-Site Lighting Features Remote Activation



The Nomad NOW area-spot lantern emits 2,500 lumens of light and can be mounted on a tripod, placed on a flat surface, or mounted on a wall, or it can be used as a handheld lamp. It provides 12-deg. spot lighting or 120-deg. area lighting. Nomad NOW lights are stackable, and multiple lights can be activated remotely via a single key fob. The lantern is suitable for equipment and vehicle maintenance, portable job-site lighting, emergency backup lighting, and platform lighting, among other applications.

FoxFury Lighting Solutions
www.foxfury.com
Booth 6340

Industrial Computer Withstands Harsh Environments



The SEL-3355 is a high-performance rack-mount computer designed for industrial automation, utility substations, and other applications that

require reliable computing. It has an Intel Core i7 multicore processor with up to 16 GB of error-correcting code (ECC) RAM memory. It operates reliably in the presence of shock and vibration, electromagnetic interference, and electrostatic discharge. To address cybersecurity concerns, the SEL-3355 is available with tools that allow customers to implement Center for Internet Security (CIS) OS security benchmarks. It also has several security measures built into the chipset that make it less vulnerable to computer viruses and loss of sensitive information. The SEL-3355 can be configured with dual hot-swappable power supplies that can be connected to AC or DC power sources, and up to four single-level cell (SLC) solid-state drives (SSDs).

**Schweitzer Engineering
Laboratories, Inc.**
www.selinc.com
Booth 4105

Nitrogen Generation System is Diesel Powered



NitroMax is a containerized, large-volume, high-purity-nitrogen generator and booster designed for offshore and onshore coil-tubing operations. The diesel-powered system is suitable for offshore hazardous Zone II operation. Because each container's maximum weight is 14 tons, the NitroMax is suitable for floating production, storage, and offloading (FPSO) operations where the lifting capacity of the onboard crane is limited. Housed in a

heavy-duty container, the system has been designed to perform consistently and reliably in high-temperature (up to 120°F) and high-humidity (97% relative humidity) environments. It is available in three capacities: 375 scfm, 500 scfm, and 950 scfm, at 5,000 psig final pressure and 97% guaranteed nitrogen purity. The NitroMax's new high-pressure compressor is water-cooled and requires minimal maintenance in continuous-duty applications.

Bauer Compressors, Inc.

www.bauercomp.com

Booth 11717

Vehicle Provides Diver-Free and Eco-Friendly Hull Cleaning



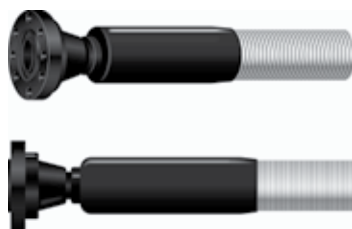
The HullWiper is a remote-operated vessel-cleaning vehicle that can clean up to 2,000 m²/hr of a ship's hull without causing any damage to antifouling surfaces. It has a compact size of just 3 m × 1.5 m × 0.80 m. The machine is easy to use and enables hull cleaning to be carried out during loading or discharge. Residues and harmful marine growths captured during cleaning are disposed of in an environmentally friendly manner instead of being discharged into the sea, as is done in traditional methods.

GAC Group

www.gac.com

Booth 7751

Hose Assemblies Have Crimp-On Couplings



The 16C Black Gold Super Choke and Kill hose assemblies are designed with crimp-on couplings instead of built-in couplings. The company offers quick lead times, with a target delivery time of two to four weeks. The API-certified hose assemblies are suitable for offshore drilling rigs and other offshore applications.

Gates Corp.

www.gates.com

Booth 5969

Improved Level Transmitter Prevents Problems Caused by Signal Interference



The Wave Guide Nozzle Eliminator, which eliminates the signal interference typically caused by tank nozzles, has been added to the Impulse Series continuous time-domain reflectometry (TDR) level transmitters. It provides a contained signal path that passes through the nozzle, and it is available in lengths from 6 in. to 36 in. The transmitter employs guided-wave

radar to provide continuous measurement of liquid levels up to 50 ft. It is offered with five different sensor types, and is constructed of Type 316 stainless steel and Hastelloy C for use in environments that are classified as hazardous (Class I, Div. 1) with either intrinsically safe or explosionproof installation requirements. The system operates at temperatures from -40°F to 392°F and process pressures up to 580 psig.

Ametek Drexelbrook

www.drexelbrook.com

Booth 5805

Explosionproof Enclosures Resist Corrosion in Offshore Applications



Designed for use in hazardous and highly corrosive areas, XCESX explosionproof enclosures are constructed of Type 316L stainless steel. They are certified for use in Class I, Div. 1/Zone 1 hazardous locations and carry UL, cUL, ATEX, and IECEx approvals for global applications. Five standard sizes are offered, ranging from 10 in. × 14 in. × 8 in. to 24 in. × 36 in. × 10 in. Features include a watertight gasket and stainless steel cover bolts required for NEMA Type 4X/IP66 ratings, stainless steel hinge kit, mounting panel, removable lifting eye bolts, cover alignment device, cast-on mounting lugs, and internal and external ground screws.

Adalet

www.adalet.com

Booth 3973