

PureBallast 2500 for Stena's DrillMax Ice



Alfa Laval's PureBallast, a chemical-free system for ballast water treatment, received the first order for PureBallast 2500, the largest version of the system, to be installed aboard the arctic drillship Stena DrillMAX ICE. Featuring a flow rate of 2500 cu. m./hr., the PureBallast 2500 system is designed to provide more than double the capacity of any previous PureBallast version. The order comes from Samsung Heavy Industries on behalf of Stena Drilling Ltd. The PureBallast system will be delivered in June 2010 to the Geopje shipyard, where it will be installed aboard the arctic drillship Stena DrillMAX ICE. This high-profile newbuild combines the successful DrillMAX concept with demanding ice-class requirements. As the world's first dynamically positioned, dual-mast drillship with ice-class certification, the Stena DrillMAX ICE is a specialized and high-value vessel, which makes every hour of operation crucial.

www.alfalaval.com

Ship Simulator Pro

Maritime Simulator Developer VSTEP released a new version of Ship Simulator Professional. The new release includes advanced functional updates and introduces an important new component of the Instructor Station: the Exercise Manager. This is an extended version of the Mission Editor, combined with a multiplayer server. It has the option to assign trainees to the vessels in the exercise, and manage the exercise while one or more trainees are active. With the exercise manager, the instructor can see all trainees move around, record all vessel movements, change time & weather conditions, add new vessels, add or remove mooring lines, all while the exercise is running.

EnduraShock 19



Comark Corp. completed full environmental testing of its EnduraShock 19-in. COTS military workstation including MIL-901D Grade A lightweight shock test. The EnduraShock 19-in. workstation is an all-in-one display and computer designed and tested to meet military requirements for shipboard installations. It has a drip-proof NEMA 12 design and is available with an array of options including touchscreen, Core 2 Duo processing, and MIL copper and fiber networking.

www.comarkcorp.com

AVEVA Element Analysis for Shipbuilders

Aveva released Aveva Hull Finite Element Modeler, a new addition to the Aveva Marine portfolio which is designed to accelerate and simplify the stress analysis of ship structures. Ship

designers use of Finite Element Analysis (FEA) to ensure that hull structures comply with strength criteria and achieve low levels of vibration for maximum passenger comfort.

www.aveva.com/marine

NOFIRNO Sealing System

Vessels and offshore installations operating in the arctic zones are posed to greater risks for accidents because of the extreme conditions with ice, darkness and fog. For these

conditions Beele Engineering's NOFIRNO sealing system offers a solution. NOFIRNO can be used in temperatures ranging from -50oC up to +180oC. Even under arctic conditions the



sealant remains is designed to remain flexible, allowing substantial movement of the ducted pipe within the conduit while offering high pressure ratings feasible for gas and/or watertight penetrations. NOFIRNO is tested according to IMO Resolution A.754(18) and approved for heavy duty A0 and H0 multi-cable and pipe transits (bulkheads/decks) without the use of any kind of insulation.

E-mail: info@beele.com

AFFF Portable Foam Fire Extinguishers Finally USCG approved

The AMEREX 2.5 Gallon AFFF Portable Foam Fire Extinguisher is now available in the U.S. After a span of almost 40 years the widely used Foam Extinguisher lost the approval because of a variety of reasons including having a seam on the body. Foam extinguishers were continued in manufacture after that, but all in a stainless steel body. This did not meet the requirements of the USCG and were therefore not approved for use in the marine industry.

The Extinguisher is the only type that is a liquid base, and therefore useful for applications including deep seated Class "A" fires, and Class "B" fires. They are effective as an inhibitor for flashback, and therefore well suited for Oil Barges, Platforms, Fuel Transfer Stations on board vessels, and Bilge fires. In the "A" class it is the only approved type, that would be effective on deep seated fires which burn in, and where Agents such as Carbon-Dioxide, Halogenated gases, and Dry Chemical would be ineffective, as they offer surface extinction.

It is important to note that these Extinguishers are considered USCG approved when installed in the proper Marine Bracket for which they have been approved. Extinguisher P/N 250CG Bracket P/N 810CG. The Bracket looks similar to other Marine Brackets, however the Foam Extinguisher has a bracket which has rubber backing which allows the paint to stay intact and not collect rust and expose the stainless steel, which is an important part of the USCG approval. All fire extinguishers have this approval only when provided in the manufacturers original approved bracket.

The Foam Fire Extinguishers require Hydrostatic Pressure testing by an approved facility, three years from date of manufacture. This type is also equipped with a Schrader style valve that allows easy field recharging with compressed air at 100PSI. It is however well to have a certified technician perform this, but allows some flexibility when out at sea for extended periods. Of importance is the temperature limitations which range from +40F to 120F, and it is recommended that they be stored accordingly. These Extinguishers are currently provided with a large identification label that can be affixed to the body or in the vicinity. Care should be taken not to cover any markings or instruction plates.

Email: mirza@westernfireandsafety.com

W-Series Water-Cooled MIG Guns

Bernard introduced its customizable W-series water-cooled MIG guns and water-cooled Centerfire consumables to meet the needs of high-amperage, water-cooled MIG applications. W-Guns offer users their choice of neck style, cable length, handle style, consumables and direct plugs.

www.bernardwelds.com



ESAB FUB 30

ESAB Welding & Cutting Products introduces the FUB 30 roller bed for fit-up of sections. This roller bed features a robust design to withstand the rugged environment in the welding industry. Designed to assemble 1+1 sections, the system is designed to be fast and easy to assemble. Each set consists of one power and one idler roller bed with four independently adjusted rollers to align the two sections with each other.

