MyCelx for NOAA

MyCelx, a bilge water treatment technology certified for oil removal using the MEPC 107(49) part C standard by Lloyd's Register, announced its cooperation with the National Oceanic and Atmospheric Administration (NOAA) to outfit its fleet with MyCelx bilge water filters. NOAA Fisheries fleet, consisting of smaller vessels under 300 gross tons, is used to collect water samples, assess fish stocks, and conduct marine research in coastal and inland waterways. This fall, fleet operators will install MyCelx filters procured by funds from the Green Grant program—NOAA's internal funding for environmentally sustainable projects. MyCelx filters work by removing oil suspended in bilge, oil droplets which conventional oily water separators (OWS) leave behind. Because the Fisheries fleet works within a hundred miles of beach, they make every effort to be sensitive to coastal ecosystems. The grant, developed by Wayne Hoggard, Vessel Operations Coordinator, will outfit boats by size in order to achieve the best impact. MyCelx bilge filters are used worldwide for their post-OWS polishing technology. Over 300 major ocean-going vessels—work boats, freighters, and ocean liners—have been equipped.

10K f Displ

The new 10,000 psi Model 1810 pump has been added to Cat Pump's line of triplex positive displacement pumps. This pump delivers smooth, low pulsation flow of three gpm at 10,000 psi. The 1810 pump has a low unswept volume resulting in maximum volumetric efficiency.

www.catpumps.com

Allweiler Debuts Allfuel Series

Allweiler AG has been delivering its new Allfuel series of screw pumps to customers since May. The new series is designed to move oils and other lubricating liquids with a maximum discharge pressure of 40 bar. Allfuel pumps are available in six different construction types, allowing them to adapt to a variety of pumping tasks and installations. Special Allfuel material combinations comply with the most recent regulations requiring ships in inland waterways and ports to be powered only by fuels that contain less than 0.1% sulfur.

These new screw pumps were developed in collaboration with burner manufacturers to specifically target requirements in the market. In addition to many details like heating elements for the mechanical-seal and filter chamber (which provides for smooth starting of the pump), these pumps also feature a filter design that is intended to simplify maintenance. By modifying how liquid flows through the pump filter, dirt particles are retained in the filter and held in place by a magnetic filter base. The design of the pump casing allows the filter to be changed without having to drain, dispose, and refill the oil. A vacuum meter continuously monitors the cleanliness of the filter, ensuring a continuous and adequate flow.

Heavy-Duty Water Strainer from Perko

Designed for easy installation, cleaning and maintenance, the new, heavy-duty four-inch intake water strainer is the latest in Perko's large boat strainer line. Built for use in the harsh marine environment, the strainer is constructed of cast bronze. Aircraft-style mounting nuts remain secured to the body when the cover is removed.

www.perko.com

ITT Rule New Rule-Mate Bilge Pumps

ITT Rule released its newly redesigned, functionally updated Rule-Mate line of automated bilge pumps. The new pumps include 500 gph, 750 gph and 1,100 gph models. The new Rule-Mate pumps utilize a solid-state water

Ship Automation The Vessel at your Fingertips

While much attention has been focused on technology and its ability to help owner/operators increase safety and reduce costs, these emerging technologies, like anything else, need to be correctly applied. When the conversation turns to ship automation, talk on integration and reliability, minimizing downtime situation in most cases to the mechanical side only.

User Interfaces

These units are composed, in most of our applications, of marine approved computers and touch screen displays.