

FuelTrax saves 20% on fuel costs

Nautical Control Solutions, Houston, Tex., an affiliate of Control Dynamics, Inc., introduced the Nautical Commander suite, a fuel management system that enables vessel operators to optimize fuel reduction and vessel performance. The patented technology saves an average of 20 percent on marine fuel costs, says the company.

The Nautical Commander suite is comprised of the vessel-based technology FuelTrax and web-based FuelNet.

FuelTrax allows a captain to select throttle settings to maximize fuel efficiency using flow sensor technology with built-for-sea engine room electronics.

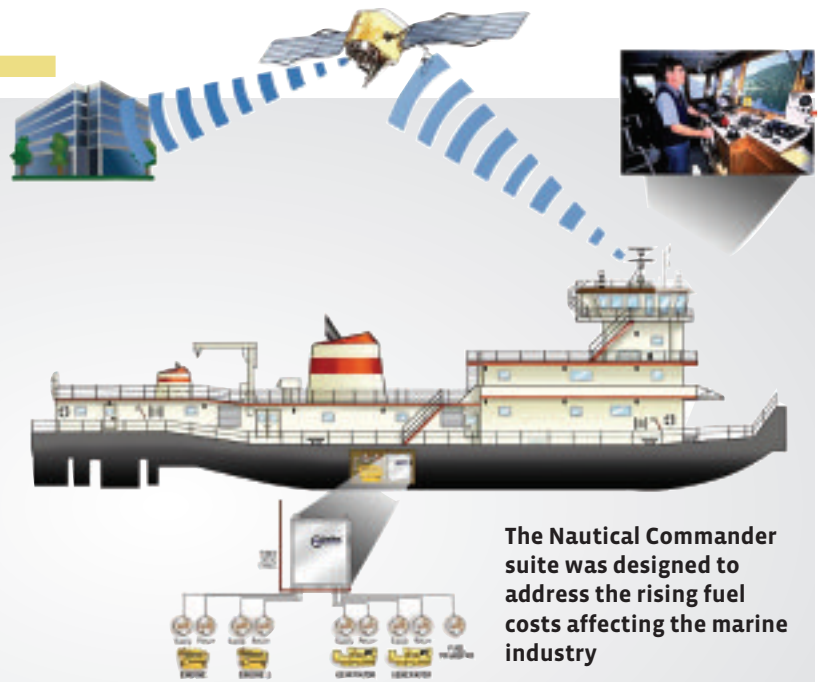
Vessel Operators can analyze fuel and engine data such as individual and combined engine burn rates, historical fuel usage by day, "distance to empty" in miles, "time to empty" in hours, individ-

ual and combined engine run times, fuel tank levels and discrepancy alarms, and fuel transfer accountability.

Using the web-based FuelNet software, vessel operators can analyze and track fleet performance and fuel expen-

ditures locally and remotely via the Internet. Vessels broadcast all information collected onboard to a secure data center that can be viewed on a password-protected website.

www.fueltrax.com



The Nautical Commander suite was designed to address the rising fuel costs affecting the marine industry

Deltamarin offers energy audits, fuel saving training

Royal Caribbean Cruise Line and Celebrity Cruise, as well as several ferry operators, take advantage of Deltamarin's energy audits and high fuel saving training to familiarize staff and crew with principal sources of fuel consumption onboard vessels such as propulsion, air conditioning and energy production.

By the end of this year, about 120 people will have benefited from the eight

training programs offered by the Finland-based Deltamarin. Comprised of three-, four-, and 10-day courses, training can be executed onboard, on shore or at a Deltamarin facility.

Officer and superintendent training is usually combined with energy audits of complete fleets. Energy audits are carried out during the design and building period, as well as operation, to secure the most

fuel-efficient use of the vessel, its systems and maintenance.

Typically 10-15 fuel saving recommendations are made, with low investment costs leading to a two to six month ROI. Fuel saving potential varies between five to 12 percent.

www.deltamarin.com

Husky Terminal reverts biodiesel

Husky Terminal and Stevedoring, a Port of Tacoma terminal operator, now uses biodiesel fuel for all of its diesel-operated vehicles and container handling equipment.

The vegetable-based biodiesel reduces sulfur dioxide (SO₂), carbon dioxide (CO₂) and polycyclic aromatic hydrocarbon emissions. A combination of biodiesel and ultra-low sulfur diesel (ULSD) can reduce sulfur oxides up to 99 percent compared to standard diesel

fuel.

Cindy Lin, Port of Tacoma Manager of Environmental Compliance, said, "Biodiesel performs like petroleum diesel, but it produces significantly less air pollution. Biodiesel is produced from a biodegradable, renewable resource, and it is safer for our environment."

Before Husky made the change to biodiesel, it uses 11,200 gallons of low-sulfur diesel fuel each month. Accord-

ing to Husky Assistant Vice President Steve Bassett, the company currently uses a 20 percent blend of biodiesel and low-sulfur diesel, but plans to increase the recipe to include 40 percent biodiesel by this summer.

"While the cargo activity at our terminal brings great economic benefits to this region, we also want to reduce the negative impacts of our activity as much as possible," said Bassett.

www.portoftacoma.com