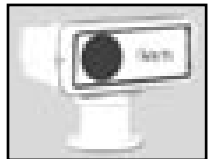


Night Vision Technologies upgrades thermal camera

The 1018i camera from Texas-based Night Vision Technologies is now available with a new thermal camera providing superior safety and imagery to boat owners. The thermal camera inside the 1018i produces an improved thermal picture. At an increased 640 x 480 pixel resolution, images are crisper than with the 160 x 120 pixel resolution capabilities of the previous model.

Five lens options offer longer detection ranges and wider frames of view. Lenses are available with focal lengths of 5.8 mm to 25 mm, have field



of view options from 11 degrees to 50 degrees and can detect human activity up to 1,500 feet away.

For increased security, the 1018i is capable of continuously rotating 360 degrees. The new feature allows operators to have full pan control, increasing vision and situational awareness capabilities.

The pan-and-tilt camera head is remotely mounted and, unlike handheld units, it can be operated and monitored in a location protected from the harsh marine environment. Objects and activity are easily observed in total darkness, daylight or mixed light surroundings.

For more information, contact Night Vision Technologies toll free at 86NIGHTNAV, through info@nvti-usa.com or at www.nvti-usa.com.

Coverguard now in small sizes

Railstar Marine and Bainbridge International have recently joined forces. Bainbridge manufactures Coverguard, the blue diamondback vinyl material that is widely used as deck protection.

Railstar is the new "run-off" containment system that won second at the recent MAATS convention in Las Vegas and was first runner-up at The Yacht Reports' I.S.T.I.A. 2005 awards last spring.

Through Railstar distributors, Coverguard will now be available in smaller, more accessible spools. The two new sizes – in 100-foot rolls of 18 inches and 12 inches – fit perfectly with the Railstar System and should be popular with bosuns, engineers and interior crew alike.

For more info, visit www.railstar.net or contact Railstar President Scott Van Allen at 954-465-9005.

SkyMate signs 1,500th customer

Following the launch of new products for the recreational and commercial marine markets in 2005, marine satellite communications

systems provider Virginia-based SkyMate recently activated its 1,500th customer.

"It has been an exciting year for SkyMate," said company President John Tandler. "Interest in SkyMate 200, our new all-in-one system for recreational boaters, and our Fleet Manager package for professional mariners, has greatly exceeded our expectations."

SkyMate 200 with Nobeltec eChart Mariner combines Nobeltec's eChart Mariner software with SkyMate's global wireless satellite communications system that allows boaters to monitor navigation information, check their e-mail and the weather.

Nobeltec's Fleet Manager™, powered by SkyMate, automatically downloads the latest positions of tracked vessels into Nobeltec's Admiral navigation program.

SkyMate systems are available from a network of 135 authorized dealers in the United States, Canada and the Caribbean. For more information, visit www.skymate.com or call 703-636-4220.

Burger installs Delta T

To ensure optimum engine performance, Burger Boats has begun installing Delta "T" Systems ventilation products on all its 500-series yacht hulls, which start at 98 feet.

Burger expects to finish five or six craft this year, all of which will feature full ventilation systems that include moisture eliminators, fans and P/T4 control systems as well as smoke and fire dampers. The company has installed Delta "T" Systems components on each yacht it has built for the last several years because they are cost-effective and efficient products, according to Burger engineer Jason Allard.

The P/T4 control system features greater processing power for precise fan control and faster response to changes in engine room pressure or temperature.

Based in Riviera Beach, Fla., Delta "T" Systems creates engine room ventilation management products for recreational, commercial and pleasure boats. For more information, contact Delta "T" Systems at 561-848-1311, through info@deltatsystems.com or at www.deltatsystems.com.

PropSpeed boosts IPS

Recent tests conducted at Carver Yachts show Ft. Lauderdale-based PropSpeed's running gear coating increase speed and reduce fuel consumption. PropSpeed was applied to a 2005 high performance 38 Carver

See **TECH BRIEFS**, page A32



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It's official: Study shows PropSpeed improves performance

TECH BRIEFS, from page A29

Super Sport with Twin Volvo IPS Propulsion Systems.

"We are very pleased with the results, but not surprised," said PropSpeed owner Dan Delmonico. "We have been receiving these kinds of reports from our customers for years that PropSpeed improves performance. It's nice to be able to finally say it's official."

PropSpeed's "foul release" formulation produces a surface that does not allow marine growth to permanently attach to running gear. It contains no copper, tin or pesticides. Developed for propellers, it can also be applied to any metal surface below the waterline including shafts, struts, rudders, trim tabs and thru hull

fittings. Customers can expect service life of at least one year, although the company says many users get multiple years of service. For more information, visit www.propspeedusa.com.

Dometic launches new handler

Pompano Beach-based Dometic Environmental Corp. is introducing a new series of super-quiet high-performance air handling units in 2006 for use with Marine Air chilled-water air conditioning systems.

The AT/DC Series air handlers incorporate new noise reduction technology to eliminate the annoying "motor hum" that can occur when the fan is running at very slow speeds. The unit converts incoming high-voltage AC electricity to drive a high-

efficiency brushless DC fan motor. The fan operates across a broad range of variable fan speeds, permitting the user to select the desired level of airflow.

The new air handlers also incorporate a number of improvements designed to eliminate condensate drain problems, including a sloped positive-flow drain pan and larger drain connections to reduce standing water, offset coil from drain pan edge to ensure condensation capture and a redesigned bypass valve to avoid dripping condensation. The products are available in capacities from 6,000 to 36,000 BTU. For more information, visit www.dometicenviro.com.

Aussie boat makes U.S. debut

Whittley's famous Australian Sea Legend bluewater fishing/cruising boats will debut in time for U.S. boat shows in early 2006. The new U.S. line, called Whittley SL, will roll out with the introduction of its first model, the Whittley SL 2200. Whittley will be included in shows in Orlando, Tampa-St. Pete, Pittsburgh and Chicago, as well as others where dealers are joining the Whittley organization.

With production planned for Whittley's new U.S. factory in Willacoochee, Ga., the 21-foot, 8-inch SL 2200 is rigged for serious fishing. Its open, flat cockpit floor ensures plenty of room for landing and unhooking catches. It also has optional live bait tank, bait cutting board, rod holders and marlin board/swimming platform.

The SL 2200 is available with single outboard power from 150 hp to 225 hp, or 125- to 220-hp sterndrive propulsion. The boat includes a 56-gallon fuel tank.

For information, contact Whittley through whittley1corey@yahoo.com or at www.whittley.com.au.

PMI offers OICNW

The Officer In Charge of Navigational Watch apprenticeship program at the Pacific Maritime Institute in Seattle, Wash., has been recognized by the U.S. Department of Labor as an 'Apprenticeable Occupation.' The OICNW apprenticeship program has also received U.S. Coast Guard approval and the training program follows the guidelines of the International Maritime Organization (IMO) criteria for 'Officer in Charge of Navigational Watch.'

"The OICNW apprentice program has the support of five major maritime employers and five national maritime unions," said Anne Wetmore, Washington State Director for the Department of Labor. "The DOL has worked with the maritime community over the past two years to develop the OICNW program, and we're still working on the development of the requirements that will allow

high school and college, as well as job seekers wanting a career in the maritime industry a clear pathway into the program."

For more information, contact PMI at 206-719-2801, gtrunnell@mates.org, or visit www.mates.org.

Maptech system holds all charts

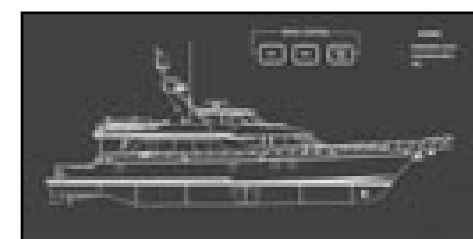
Maptech's new Chart Navigator Pro enables boaters to have all their charts for the entire U.S. coastline, plus an easy-to-use method that keeps the charts up-to-date with free updates. Chart Navigator Pro includes NOAA charts - raster and vector - and Contour 3D charts with GPS Planning and Cruising software, as well as a built-in guidebook gazetteer and Internet weather overlays on the charts and a lot more.

It comes on 13 DVDs at a suggested retail price of \$499.95.

Bravo Delta upgrades products

Bravo Delta Engineering (BDE) has recently completed a year-long research and development program to upgrade its product line. Approximately 15 printed circuit board designs were analyzed and modified with in-house, application-specific, CAD software.

Special attention was given to improving the electronic system's ability to survive high voltage spikes caused by lightning and faulty onboard electrical equipment. BDE is also focusing on surface-mount-devices technology to insure future parts availability as well as size reduction of key printed circuit boards.



A typical system uses more than 300 electronic components so emphasis was placed on standardization to simplify custom orders for Control Panels and Safety Panels.

BDE also designed input port and output port indicators to facilitate troubleshooting. BDE's design philosophy is to keep the electronics simple (no software) and easy to troubleshoot. Each system is shipped detailed schematics.

Films, inks, adhesives and custom lamp manufacturing techniques for the panels themselves were all reviewed and upgraded. Special emphasis was placed on long-term film compatibility and minimizing the long-term effects of UV rays.

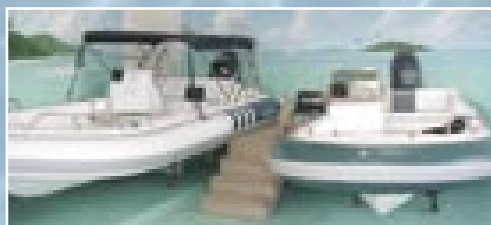
For information, contact BDE at 954-524-2298, through info@bravodeltaeng.com or at www.bravodeltaeng.com.

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