Danelec to upgrade customers' ECDIS to new standards

www.danelec-marine.com

Danelec Marine has launched a programme to provide free upgrades to its customers' shipboard ECDIS systems to meet new changes to equipment standards.

The Danish marine electronics company is currently replacing its first-generation DM800 ECDIS with new DM800 ECDIS G2 hardware and V2 software. The G2 platform has been designed to enable the ship's crew to upgrade the software to be fully compliant with the new IEC61174 Ed. 4, IHO 52 and IHO 64 standards.

Free update training for navigators already holding a type-specific certificate on previous versions of DM800 ECDIS will be provided.

Introduced in 2015, the DM800 ECDIS G2 incorporates a Linux-based platform, new application software, ruggedized low-power LED display monitors and Danelec's SoftWare Advanced Protection (SWAP) technology.

"We're offering these free hardware and software upgrades to give our customers a painless transition to meet the new performance standards," said Hans Ottosen, CEO of Danelec Marine.

"All new and existing ECDIS products must be in compliance with the new IEC and IHO standards (and there) is no provision for 'grandfathering' installed ECDIS products already type-approved to the old standard."

"We have already completed more than

Danelec is offering upgrades to IHO 52 and 64 requirements

100 ECDIS upgrades, many of them for Greek shipowners. We are working with our worldwide distribution and service partners to make and commission the installations."

Danelec Marine is also developing a range of crew training packages for the DM800 ECDIS G2 platform to meet IMO requirements for type-specific crew familiarisation. The training packages include online, classroom and on-board options.

Furuno adds new solid state radar

www.furuno.com

Furuno has introduced a new solid-state radar with pulse compression and Doppler frequency shift sensing technology, the DRS4D-NXT.

The 60cm Radome is designed for use with both Furuno's NavNet TZtouch and TZtouch2 multi-function displays, and includes new features such as a Target Analyzer, which is based on the Doppler technology and will automatically change the colour of approaching targets to show any hazards.

Green echoes are stationary targets, land, or approaching targets moving at a velocity of less than 3 knots. Echoes dynamically turn red when targets are approaching at a speed of 3 knots or faster.

This also applies if following another vessel – if the target is getting closer at a

The DRS4D-NXT

speed of 3 knots or more, the echo will be depicted in red on the screen.

Furuno says that the new radar acquires and tracks targets in virtually every sweep, or just a few seconds, showing the target's speed and course vector. The unit's ARPA signal processor can display and track up to 100 targets in a single sweep.

A True Trail feature has also been included, allowing the user to graphically see the direction in which a target is moving, independent of their own vessel's motion.

The Radar features a 3.9-degree horizontal beam width, supplemented by Furuno's RezBoost beam sharpening technology which can synthetically sharpen the beamwidth to the equivalent of 2 degrees, providing better target separation.

New marine PC introduced

www.eurotaskltd.com

Computer company MarineNav has launched the Leviathan 19i, its latest PC designed specifically for the maritime market.

The unit features dual, individually lockable and removable solid state drives which deal with data logging and storage, plus dual internal hard drives which handle the

operating system and program duties.

Supplied as standard, the dual drives provide built-in redundancy, while dual gigabit network connections are also integrated into the equipment.

The PC fits industry standard 19-inch racks, with anti-shock, anti-vibration mounts, and has a MTBF (Mean Time Before Failure) of more than 100,000 hours.