

THE SPIRIT OF Innovations Showcase at Seawork 2016 will display the latest projects, products and vessels that are forging ahead in the industry to provide new solutions.

Located in Seawork's undercover exhibition area, the Innovations Showcase is judged in six main categories: vessel design and construction; marine civil engineering and construction; marine equipment, electronics and materials; diving and underwater technology; renewable energy and safety and training.

A Certificate of Commendation is awarded to the winner of each category. In order to qualify, all entries must be new to the market in the past 12 months and provide a valuable insight into the latest in design, technology and applications.

2015 winners

The overall winner of the Spirit of Innovation award in 2015 was Gobbler Boats for the Gobbler Offshore 290 OSRV. It was the only craft available where the collected oil is not stored on the vessel, allowing shallow draft and fast escape from flame-outs.

Category winners included Dynamic Load Monitoring, winner of the Marine Equipment, Electronics and Materials award for its Acoustic Load Shackle 16. Fairlocks Pool Products Ltd won the Diving Underwater Technology category with its Nemo Underwater Drill.

Marine Civil Engineering and Construction went to Bollard Load Testing and the Power and Propulsion category was won by MDS Marine.

The Seawork Lifetime Achievement Award was given to Peter Nelmes of ZF Services UK for his many years' service to the sector, while the 3Si Maritime Professional of the Year was awarded to Anne Hornigold of 54 North Maritime, who also won the Maritime Training Category in the Innovations Showcase.

Seawork Innovations Showcase 2016

2016 entries

Maritime Journal took a closer look at the entries received so far for this year's event and what they offer to the commercial marine industry.

3Si

The Constant Wear Lifejacket can be worn for long periods continuously, achieving high performance in extreme environments. It aims for a unique shape to make it more comfortable and is sculpted to fit for unrestrained upper body movement. It has a zip-on utility pouch at the back to carry tools and personal items, effective for encouraging personnel to wear a lifejacket more of the time, and especially when transferring across water between vessels, buoy jumping and platform transfer. It comes with a spray hood option and personal safety equipment stored in the utility pouch can be customised for individual application.

■ Stand: P039



The Constant Wear Lifejacket

20 Knots +

The DYNamic NAVigation (DYNAV) Manual provides the education, procedures and techniques that deliver performance and safety on the water, for craft operating at higher speeds and in more dynamic environments. DYNAV's approach gives the crews the specific processes designed to maximise safety whilst reducing workload. The 177 pages are broken down into chapters which highlight the theory, history, how the system works, crew communication, on-water operations, hovercraft navigation and instruction methods.

■ Stand: PG124



Long range high power tactical beacon system from All Yacht Parts Ltd

Actisense

The PRO-BUF-1 is new approach to data buffering using Actisense's OPTO-isolation on its two inputs and ISO-Drive™ Technology on its 12 outputs. Its browser based configuration tool, allows for customised modes of operation to be set as well as selecting from predefined modes. The PRO-BUF-1 also features a built in DIN rail mounting mechanism, and an interchangeable pluggable connector system which supports both screw and screwless terminals.

■ Stand: PG6

All Yacht Parts Ltd

The programmable long range high power tactical beacon systems from All Yacht Parts Ltd are constructed using precision CNC machining in the EU, finished by hand and each unit is individually tested. Developed for military or naval use to achieve long range infrared signalling transmissions, the beacons can transmit horizontally and vertically up to 6nm allowing for infrared communications of distress, enemy whereabouts or users' programmed message.

All Yacht Parts Ltd's High Performance Marine LED Spotlights can be installed on a variety of vessels through to lighting pontoons and need minimal maintenance through the sea-growth elimination. The single LED marine spotlights have a

contemporary design with a lumens range of 1000-5500 and a low power range from 10w-50w.

■ Stand: SB46

AST Marine Sciences Ltd

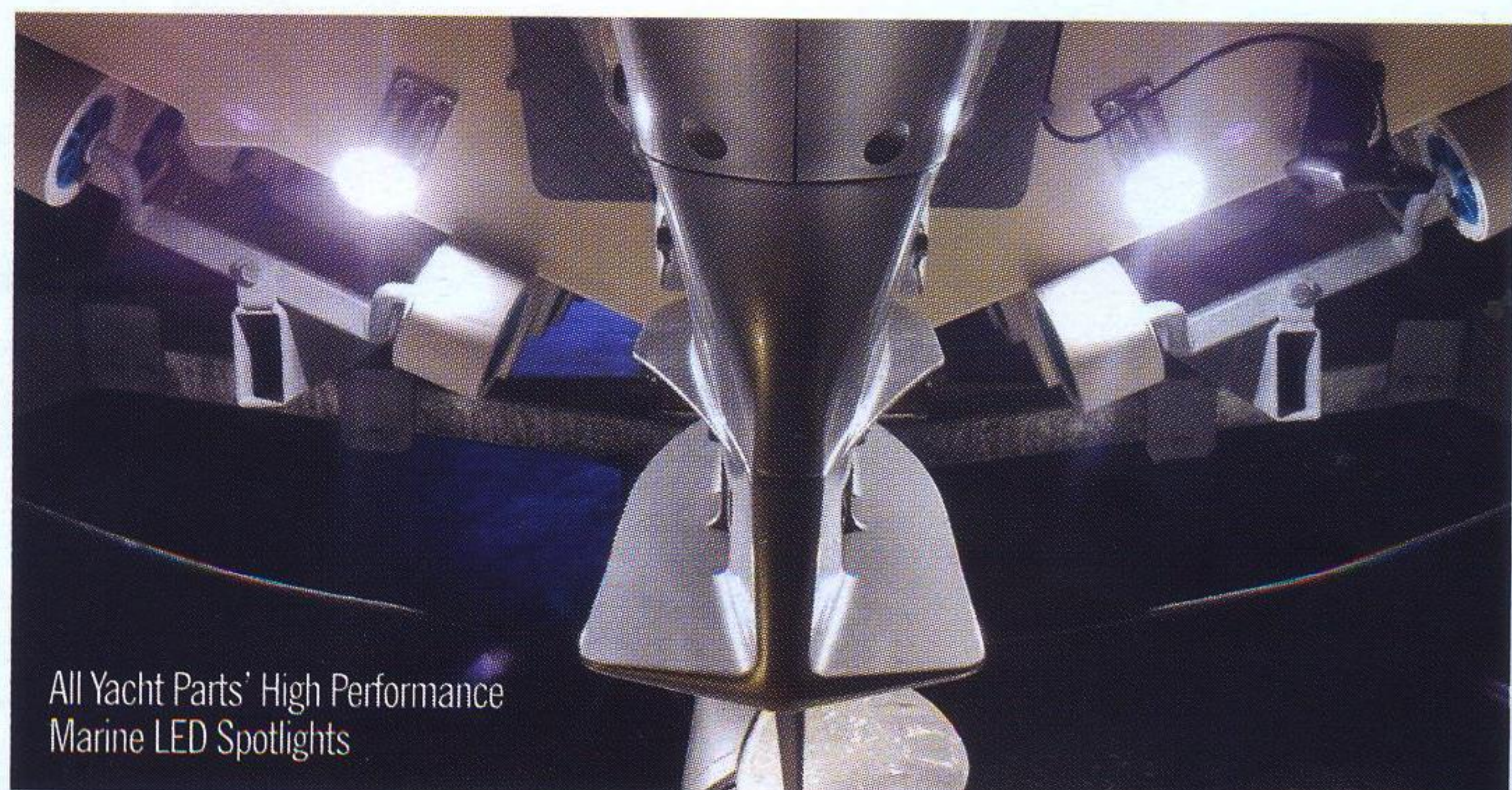
The iRAMS Planned Maintenance System allows remote, near-real time monitoring of vessel engines from an onshore PC or mobile device. Once fitted to a vessel, the system can transmit and record engine data from anywhere in the world, to a remote device. AST Marine Sciences' new system combines powerful satellite remote engine monitoring, vessel tracking and alerting with an auto-populating planned maintenance system.

■ Stand: PB131

Auto-Maskin

Auto-Maskin's new Marine Watch give operators a fully integrated overview and functionality for alarm control and monitoring onboard. The status for all channels are displayed as rectangles on a colour touch screen in a grid fashion. In the event of an alarm, the corresponding rectangle will flash in red, instantly drawing attention. The channel is acknowledged by an operator pressing the rectangle, and the rectangle indicates as acknowledged. It can also be easily configured on the touch screen operator panel by the end user.

■ Stand: P015



All Yacht Parts' High Performance Marine LED Spotlights