

ISTIA Awards

The International Superyacht Technology and Innovation Award has been created to recognise technical excellence and innovation throughout our industry. The inaugural awards were unveiled over a year ago and the winners announced during the first SEAS event in Maastricht. In the first year of the awards programme, we received over 70 entries and this was eventually voted down to the six winners and six runners up, in each specific category, that were selected by the editorial team of *The Yacht Report*.

Category 1 – Innovation

Winner – Visions East Robotic Coatings

The yacht system performs laser surface mapping, optical component spraying of the faring material, precision milling and sanding and robotically sprays primers and top coats on the exterior hull surface. It makes the coatings process safer and more efficient while computer-controlled robots perform the work.

Runner Up – Atlas Carbon Davits

A unique portable carbon fibre davit that allows crew to lift any item up to 500 kg on board from difficult locations.

Category 2 – Engineering and Construction

Winner – Smart Rigging – Stainless-Steel Covered PBO

Stainless-steel PBO rigging: the stays are covered with mirror polished stainless-steel tubing. Therefore the rigging is 100 per cent protected against impact, 'wear and tear', UV light, sea water, etc. Load cycles and peak loads of the total standing rig are registered continuously from the moment the rig is delivered to the owner. The goal is to make the rigging safer, more reliable and in the long term also cheaper.

Runner Up – Allen Gears Gear Box Solution

A lightweight, compact solution for the transmission gearbox for the Millennium 140 superyacht.

Category 3 – Software & Systems

Winner – IDEA Nautic Data Solutions – Vessel Info

IDEA VIO software has been improved through integration of portable barcode scanners for inventory and spare part management. To keep an exact record purchase and consumption of inventory items will no longer have to be manually entered into a



database or taken to the PC and its connected barcode reader.

Runner Up – Spectro Marine Kit and Echo
Spectro's oil analysis programs can predict technical problems, saving time and money by avoiding major overhauls, costly repairs and unplanned maintenance.

Category 4 – Navigation & Communications

Winner – Nowcasting International – Pro Superyacht Forecasting System

Nowcasting Pro Superyacht is one of the leading high-resolution, short-based 48-hour marine weather forecasting system for long voyages or short passages.

Runner Up – Marine Vibrations – Prop Watch MVM

The Prop Watch MVM continuous on-board monitoring for abnormal mechanical vibrations associated with misalignment, imbalance, bent shafts, damaged engine mounts and propellers.

Category 5 – Safety & Security

Winner – Nautical Structures – Sis-W Handicap Solutions

Nautical Structures developed a total vessel

access solution for wheelchair-bound clients. In concert with Burger Boat Company a specialised passerelle was designed that incorporated automated ramps. Unique overhead beam crane systems located at each boarding gate transport the wheelchairbound yachtsmen from the vessel's deck to the dock, or into the water for a swim. An integratedissor-lift elevator was developed and built to transport the client from the main deck to the lazarette deck in his wheelchair.

Runner Up – Manson Anchors – Mirabella V

Manson fabricated the two anchors (600 kg & 400 kg) for *Mirabella V* from 316L stainless steel plate, so that an exact and easily manipulated set of dimensions can be achieved.

Category 6 – Miscellaneous Equipment

Winner – King Metaal Compact Folding Crane

The Super Compact Folding Crane 175 (SCFC) is a hydraulic operated crane which is originally designed for installing IN or ON a deck of a luxury superyacht. The SCFC has a very keen chosen geometry set-up of axes, hydraulic cylinders, mechanical components and dimensions, so that the crane will get very small dimensions when it is fully folded to stored position.

Runner Up – DME – MES Echo Silencer

DME's EcoSilencer replaces the silencer in an engine exhaust stack (for generator or boiler exhaust stack), and through its design removes soot, reduces airborne noise and greatly reduces harmful emissions.

The ISTIA's are our way of highlighting quality and intelligence when manufacturing a product or creating a solution. The future aim of the programme is, for example, to recognise the work of one manufacturer and the ability of a yard worker who creates a unique solution.

We recently visited a variety of new builds and while they all had similarities, there were several solutions and design ideas that had been executed to an extremely high standard.

In the 2004/5 ISTIA programme, we plan to broadcast the mission of the awards and encourage everyone to consider entering for the awards. For more information visit www.theyachtreport.com.