

REVOLUTIONARY NEW CAT FOR ARKLOW

Ireland's largest potting catamaran Onward WD 311 built by Sutton Workboats Ltd of Newhaven for Dave Kinsella of Arklow is expected to begin fishing in May

Rigged for pot self-hauling and shooting, Onward has a LOA of 14.95m, a beam of 7m and a draft of 1.3m and is one of the first big cats to be fully shelterdecked from stem to stern.

Providing enhanced levels of crew safety, carrying capacity, fishing and propulsion efficiency were four of the key factors identified as being central to requirements at the initial design stage.

Each hull features four watertight compartments, in addition to a forward collision bulkhead. From forward, this gives internal hull arrangements of two-berth cabins port and starboard, fishroom, engineroom and steering gear flat.

Onward is powered by twin IVECO ENT N67 6-cylinder engines with fly-by-wire engine controls forward at the hauling position and in the wheelhouse. Supplied by Joe Kirwan Marine and derated to



Onward on sea trials.

suit the owner's licence, the FPT engines drive 600mm-diameter four-bladed propellers, supplied by BT Marine, through Twin-Disc 5065 2:1 reduction gearboxes. The propulsion engines electronic fuel management systems proved highly efficient on sea trials off Newhaven, when Onward performed well at

expected speeds.

Two Isuzu auxiliary engines, supplied by Engines Plus Ltd, are positioned aft of the Iveco propulsion units in each engineroom. The starboard auxiliary drives a load-sensing piston pump through an electronic valve chest, allowing independent speed and pressure settings for the deck machinery. The port-side engine runs a 20kW 230v generator. A 3kW inverter is also fitted, powered from the catamaran's main 24v battery bank.

Extending some 12m aft from the central shower/WC compartment and access to the accommodation cabins to the transom, Onward's working deck gives over 70m² of clear deck space, in addition to the central deck casing positioned towards the stern, to promote maximum efficiency when working static gear.

The console-mounted 2t Hydroslave pot hauler supplied by KK Hydraulics is positioned inboard of a stainless steel receiving table at the starboard shoulder. A conventional arrangement of vertical rollers guide the backropes from the larger-diameter stainless steel gunwale rail roller to the hauler, close to which duplicate engine controls are mounted in a protected coaming. The aft section of shelterdeck has been left open on the starboard side of the transom above the gunwale rail. Up to 80 pots can be stored on the self-shooting tray.

Camroc Electronics Ltd supplied a comprehensive array of wheelhouse equipment which included:

A JRC-JFC-130 dual-frequency (50kHz-200kHz) BB sounder, Olex 3D plotting system c/w hardness and AIS modules, and a 17in Magnum Pro-plotter, interfaced to a Furuno GP-32 GPS AMEC

Class B AIS receiver, Kodan MD2041 radar, IcomM323 DSC VHF, Icom ICM25 handheld VHF, Jotron Type 60 EPRIB, Jotron SART 20, GMDSS changeover battery assembly, NASA Navtex Pro, Standard Horizon Talkback system, Satlink VMS, Actisense satellite interfaces and a Fusion entertainment system.

Steering is handled by a full Simrad AP-60 autopilot system with additional jog-steering.

Onward was fully fitted out with a comprehensive CCTV system with eight cameras and four screens.

David Sutton established Sutton Workboats at his yard on the East Quay at Newhaven, East Sussex. His long-standing experience in fishing played an integral part in how he came to build the catamarans.

David Sutton said: "I built my first little fishing boat when I was 13. A family friend, Mr Richard Winston Wheeler, helped me with it. "Mr Wheeler was very influential in channelling my wayward energies into fishing and boat-building, and throughout my teenage years, I always had a fishing boat off the

beach at Rottingdean.

"As this will be my last series of boats, I decided that it was important to me to mark the significant influence that Mr Wheeler had on me during those years. He died many years ago but, having discussed the idea with his widow, son and daughter, we decided that his signature should be put on all of the boats from now on, as a tribute.

Onward will be targetting mainly Whelks and landing to Errigal Fish Ltd. She will fish with gear supplied by Tysons and Swan Net Gundry. Morgan Engineering supplied a custom Whelk riddle and the vessel is insured with Aquabroker.

Speaking to the Skipper Darren Kinsella said: "I am delighted with the new boat. Dave Sutton and his team have done an outstanding job and delivered exactly what I wanted in Onward."

"I would also like to thank my two skippers and crew for all their support and hard work over the past years"

The Skipper wishes Darren and crew good fishing and fair sailing with his new vessel



Massive working deck.



Helmsman view.



Darren Kinsella signing for the Onward with Dave Sutton in Bournemouth.

Camroc Electronics Ltd.



Continuing a long tradition Camroc are proud to have supplied and fitted the full package of electronics to the FV "Onward". We wish Darren and crew every success and good fishing. Camroc Ltd hold full or partial agencies for most UK and European manufacturers & suppliers of marine electronics.

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We wish Darren and crew every success and good fishing with your new vessel "ONWARD"

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CONGRATULATIONS TO DARREN & CREW OF THE "ONWARD". WISHING YOU EVERY SUCCESS.



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SUTTON WORKBOATS Ltd BOATBUILDERS



Best wishes and safe fishing to Darren & crew on your new vessel "Onward".

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CONGRATULATIONS TO DARREN AND CREW ON THE ARRIVAL OF YOUR NEW VESSEL "ONWARD".

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