

New Shetland trawler arrives to Whalsay

The first new white fish trawler to be based in Whalsay in over 15 years has arrived home after her delivery trip from Whitby.

Designed by Ian Paton, the 27 metre 'Resilient' Owned by Whalsay skipper Arthur Polson, together with partners Edward Jamieson, John Irvine and John Montgomery of the Resilient Fishing Company Ltd, was built by Parkol Marine Engineering at Whitby.

The steel built single rig trawler has an overall length of 27 metres with a 7.8 metre beam and a draught of 4.8 metres. Designed and built in house by Parkol Marine, She has been designed by for ease of use and minimal fish handling to ensure all landings are of the highest quality.

ENGINE ROOM

The Resilient is fitted with a Mitsubishi S12R-MPTAW 6-cylinder, 4-cycle, water cooled, direct-injection turbocharged diesel engine which is connected to a Finnøy G50 FKV 10.75:1 reduction gearbox driving a Finnøy 2700mm-diameter four-bladed CP propeller.

The vessel also two Mitsubishi auxiliary power packs to drive the hydraulics and electronics on board. They are Mitsubishi 6D16-T, rated at 142hp/106kw@1500rpm for auxiliary application driving a 100ekw 125kva marine generator. There is also a Beta 26 Super-Silenced harbour set.

DECK MACHINERY

Thyborøn Skibs and Motor A/S supplied Resilient's trawl deck machinery package which consists of two 20 tonne power seine reels



The Resilient crew and families on board Photo Ivan Reid.

with a capacity of nearly 4,000 metres of 42mm seine rope a side. The nets will be stored on two 8 tonne split net drums with a spare 14 tonne split net drum. Also supplied was a 6 tonne codend winch.

Rapp Ecosse was the chosen supplier for all of the top deck machinery on board the Resilient delivering a complete integrated package to the yard for installation. this included a Type RPBC8 Power Block Crane, a Rapp 24RA wide Power Block Head and a RLC8 Landing Crane

WHEELHOUSE

H Williamson & Sons Ltd, Scalloway supplied and installed the electronics package for the vessel and the wheelhouse provides a state of the art environment to control the boats performance when fishing. The list of equipment

includes A total of 27 Neovo X-Series (12 x 19in, 6 x 17in and 9 x 15in) flat screens providing displays from Resilient's fishing, navigation and CCTV systems. In addition to the wheelhouse, screens are also fitted on the messdeck, and forward of the fish-handling system in a watertight cabinet.

Bottom sounding and fish detection onboard Resilient are provided by a Simrad ES80 70kHz chirped sounder c/w real time hardness, interfaced to an Olex 3D seabed mapping system. A Furuno FCV single-frequency (50 KHz) colour sounder with a 10-inch display is also fitted.

A Simrad PX trawl monitoring system with 2 x PI trawl hydrophones and receiver, PX catch/temperature sensor and two PX multi sensors is also fitted.

The PX sensors can be re-programmed onboard the vessel at sea using Simrad software and programming lead, which means that combinations of PX sensors can provide a variety of measurements, including trawl door spread, trawl geometry, trawl door or headline height from sea-bed and trawl door pitch/roll. An end cap can be fitted to a PX sensor to give depth or water temperature readings.

Details of Resilient's location are processed by two Furuno GP 32 GPS navigators, and vessel heading is provided via a Furuno SC-50 satellite. Positioning data received is interfaced to three fishing and navigation plotters – Olex 3D (c/w ground discrimination), and two Sodena Turbowin plotters – supporting a combination of Tide T8 charts, AIS and ARPA tracking.



Wheelhouse view Photo Ivan Reid.

A FishSafe unit is also fitted.

Both the Furuno FAR-2127 25kW main and secondary Furuno AFR-1513 12kW radars, coupled with a Furuno FA-150 Class A AIS transceiver and with ARPA, provide radar and AIS tracking both within the radars themselves and also through the plotters.

Steering is handled by a Navitron NT921G autopilot c/W 3 x NT920 non-follow up controls, 3 x NT921RAI rudder indicators and Navitron NT9920WA watch alarm. Resilient is also equipped with an AIS fly-shooting dahn buoy system which incorporates a high-intensity winkie, thereby eliminating the need for a traditional high standing pole and flag.

Communications and safety equipment include a Sailor 6310 MF/HF 150W DSC radio telephone, Icom M323 DSC VHF maritime transceiver, 2 x Sailor 6248 VHF's, Entel HT649 handheld GMDSS VHF, Furuno Turbosailor VSAT system, and Seatel 80 satellite TV system.

Williamson and Sons also installed a comprehensive eight-camera CCTV system to provide continual coverage of the power reels, gear-handling activity on the quarter, and engine room.

FISH HANDLING

The fish handling system on board Resilient was built by VCU Urk in



Resilient



Stern View Photo Ivan Reid.



Aerial view of the Resilient steaming Photo Ivan Reid.



Congratulatory to Arthur, Monty, Edward, John and crew of Resilient LK 195.
We wish you safe and successful fishing.

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Resilient Photo Ivan Reid.

L.H.D Limited has provided fish selling and fishing vessel management services to its fishermen clients for more than 100 years.

Best Wishes to the owners & crew of The Resilient on your new vessel

WORKING WITH YOU FOR THE FUTURE

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