

FOREVER FAITHFUL GOES WEST



Forever Faithful. All photos courtesy of David Linkie/McDuff

Macduff Shipyards Limited have recently signed over their latest new build, "FOREVER FAITHFUL PD 289", to Andrew West of St Fergus. "FOREVER FAITHFUL" is the fourth vessel built by Macduff for the West family and was designed by the shipyard to be a modern equivalent to the previous 21m trawler hull of the "GOLDEN SCEPTRE".

"FOREVER FAITHFUL" is a new design of twin rig trawler from the yard and with a length overall of 21.50m it fits in between the other current designs of the 19.00m under ticket size trawler and the 24.00m trawler.

The vessel has a double chine

hull form with a bulbous bow and transom stern.

The hull of the vessel was built under sub contract by a shipyard in Szczecin, Poland to SFIA standards and was towed to Macduff where the outfitting work began and the vessel was completed. Painting was also carried out in the Szczecin, Poland with the hull being shot blasted, zinc coated from the waterline up and fully painted, to the same International specification that the yard applies in Macduff, in a dedicated painting hall.

The hull model was developed between Macduff Shipyards and Macduff Ship Design, who also

produced stability information and construction plans for the new build.

With the exception of the wheelhouse and masts the entire vessel is built from Lloyds Grade A steel. Working from aft to forward the below main deck is arranged into four compartments with Cabins, Engine Room, Fish Hold and Forepeak. Above main deck is arranged in the traditional layout with Aft Shelter, Casing, Fish Handling Area and Winch Room forward. The layout throughout the vessel has been designed specifically to the owners requirements with a noticeable difference including a small steel

bulkhead bounded store within the processing area on the centre of the vessel where an ice machine and various small machinery is situated.

The main engine supplied through Finning UK Limited is a Caterpillar C18 ACERT rated 600hp @ 1800rpm close coupled to a Reintjes gearbox with a 7.476:1 reduction supplied by European Marine. The vessel features a 2000mm propeller designed and supplied by Teignbridge Propellers which is installed inside a high lift low drag nozzle. The remaining stern gear package was designed in house by the shipyard and produced by Macduff Precision Engineering on CNC machines.

Sea trials demonstrated encouraging results with this stern gear package with very smooth and quiet performance in all operating conditions. "FOREVER FAITHFUL" is also fitted with a Hardy Engineering T700 150hp Bow Thruster.

A Cummins QSL9 variable speed auxiliary engine, rated 285 hp @ 1800 rpm, is fitted and arranged to drive the hydraulic pumps for the deck machinery through a JBJ splitter box. Emergency hydraulic power is arranged with a Dong-I power take off driven from the front of the main engine.

One Beta Marine generator is fitted based on a Cummins 6BT5.9D1(M) and Mecc Alte alternator with an output of 58 kW, 415/3/50. An emergency generator is arranged from the auxiliary engine with a clutched Mecc Alte alternator. Cooling for all the engines and the hydraulic system is provided through Blokland box coolers, supplied through European Marine.

The deck machinery package consists of 1 x Macduff 3 Drum Trawl Winch, 2 x Macduff Split Trum Drums, 1 x Macduff Gilson Winch, 1 x Thistle MKB7 Short Post Crane with tilting 24" Power Block head and 1 x Thistle MFB8 Discharge Crane with Winch.

The comprehensive Fish handling system was designed and installed by Macduff with Fishroom chilling and ice maker supplied by Premier Refrigeration, Fraserburgh. The well finished wheelhouse contains an Electronic equipment package supplied and fitted by Woodson Marine Electronics. This includes:

GMDSSMF/HF SSB BIG SET, SAILOR VHF WITH DSC, ICOM M323 VHF, X3 AIS CLASS A AIS, GPS RECEIVERS X 2, GPS GYRO, HONDEX ECHOSOUNDER, OLEX MAPPING SYSTEM, SODENA PLOTTING SYSTEM, KODEN 6 KW RADAR, KODEN 4 KW RADAR, WIND MACHINE, NAVITRON PILOT C/W WATCH ALARM, PHONETECK TALKBACK SYSTEM, CCTV SYSTEM C/W 8 CAMERAS, E-SEA SATELLITE TV SYSTEM, E-SEA INTERNET SYSTEM, NAVTEX SYSTEM, EPIRB WITH GPS and a SIMRAD TRAWL SYSTEM.

"FOREVER FAITHFUL" will fish from Peterhead targeting prawns using trawl gear designed and made by the West family.

