



# WaterMota Ltd

## ENGINES & GENERATORS

"Sally McLoughlin"



South Devon based Doosan Distributors, WaterMota Ltd has supplied a pair of Doosan 4V222TIH heavy duty 22 Litre 800 bhp 588 Kw @ 1800 rpm main engines to the 16M tug, "Sally McLoughlin". Designed by Macduff Ship Design & built by Macduff Ship yard in Macduff.

Ordered by the long established, family owned business of John Mcloughlin and sons she will operate in the Port of Larne, Port of Belfast and in Belfast Lough and will be entering service shortly.

The vessel will be capable of towing, pushing, plough dredging, general harbour work, personnel transfers and pilot duties. Classed to the MCA code for Category 2 waters she will be equipped for a crew of 2 and 4 supernumeraries.

With a length overall of 16m, beam moulded of 6.2m and

depth moulded of 2.9m she will carry 11000 litres of fuel, 215 litres of fresh water and 2000 litres of water ballast.

The main engines will be two Doosan 4V222 TIH units coupled to Twin Disc MGX 5222DC gearboxes with ratios of 6.1:1 and Quickshift controls. Driving 1700mm fixed pitch propellers from another Newton Abbot company, Duncan Propellers, in fixed nozzles. On sea trials she achieved a bollard pull of 23 tonnes. A WaterMota designed & built, Doosan powered auxiliary engine rated at 20kw provides single phase power.

The tow hook comprises a Mampaey DCX 18 / 25 DISK type with a test load of 50 tonnes. In addition the vessel is fitted with a 7 tonne winch for gog rope and plough



duties, a hydraulic anchor windlass and a Guerra 60.90 MZ crane rated at 6 t / m.

Day accommodation is provided for the crew in addition to the facility to stay overnight aboard if working away from home.

The vessel represents a major investment and commitment for the future for John Mcloughlin and also a major order for WaterMota Ltd. as it adds to their already increasing model range of main engines, Generating sets and Power packs.

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