



## Mare Safety AS delivers new UltraJet driven Rescue Craft

Mare Safety AS have recently delivered a new 12m aluminium daughter class rescue craft named MARE MSDC 12 to shipowner Simon Møkster Rederi for fitting to 'Stril Hercules' a new 55.2m Area Standby Vessel which will operate in the Tampen Oilfields in the North Sea.

Powered by twin Volvo Penta D6-435 mhp @ 3500 rpm diesels powering twin UltraJet 410 waterjets, MSDC 12 achieved a top speed of 36 knots and a 32 knot loaded cruising speed. With a fuel capacity of 800 litres the craft can operate for up to two days away from its mother vessel.

The test programme which took place in Ulsteinvik covered self-righting and self bailing, jet and engine performance, shaft torque, and power and thrust, during which the UltraJet 410s achieved a bollard pull of 4.0 tonnes. This met StatoilHydro's stringent specification for a rescue craft capable of reaching high speeds and yet have a high bollard pull to enable it to tow lifeboats as well as carrying out general operations from the mother vessel.

The deep-V hull features a steep 24 degree deadrise at the transom that increases to a very fine entry forward. A flat chine and spray rails provide an efficient running surface and deflects spray away from the collar to produce a dryer ride. It is easily launched and recovered with a single point suspension and "off-load release hook".

### SPECIFICATION 'MARE MSDC 12'

Boat Designer/Builder:	Mare Safety AS
In service with:	StatoilHydro
Type:	Rescue Craft
Construction:	Aluminium
Length:	12.43 m (40.8')
Beam:	3.60 m (11.8')
Draft:	0.9 m (3')
Displacement:	8500 kg (18,740 lb.)
Speed:	36 knots
Propulsion:	Twin UltraJet 410
Reverse & Steering Controls:	UltraJet Hydro-mechanical
Engines:	Twin Volvo Penta D6-435 mhp @ 3500 rpm
Gearboxes:	Twin ZF220 ratio 1,963:1
Fuel Capacity:	800 litres
Personnel:	Approved 24 persons

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