

Survey Vessel Freja



SV Freja is a 12.0m purpose built glass fibre survey vessel that has the advantage of being easily road transportable. Freja provides an exceptionally well laid out working space for 12 hour coastal operations and is fitted with a number of custom transducer mounts and enhancements for survey operations. The vessel provides a fast transit speed of 22 knots and achieves extended slow speed operation via trolling valves on the hydraulic gearboxes.

Builder: Trefjar Ltd of Iceland
Launched: 2002
Length: 12.0 Metres
Beam: 3.6 Metres
Draught: 1.4 Metres
Tonnage: 12.8 GT
Propulsion: 2x Yanmar 370h.p. 6 cylinder diesels. ZF 280 'V' drive marine gearboxes with electronic trolling valves and 4 blade fixed pitch propellers.

Generator: Kohler 65EFOZ generator powered by Yanmar 3tNE water cooled 3 cylinder diesel. Intelligent 3500w combined inverter/charger. System protected by line conditioner and UPS to all workstations.

Max Speed: 28 knots
Cruising Speed: 22 knots
Fuel Capacity: 2,000 litres
Range: 450 nautical miles
Operating Code: MCA (SCV) Cat 2 - 60 miles from safe haven
Flag: British

Max Personnel: 6
Safety: Fully MCA Compliant with EPIRB
Navigation: Simrad CE52 DGPS chart plotter/sounder
Simrad RA51 36 mile radar
Simrad AP35 Auto pilot
Simrad Rd68 VHF radio
Simrad IS15 multi function speed/depth/temp log
KVH flux-gate compass
Interphase 'Probe' forward looking sonar

Deck Equipment: Rear transom gate and wet platform for easy equipment deployment
200 kg rated electric stainless steel side scan sonar winch and lifting davit for equipment handling



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