

Survey Vessel

Eagle



The Eagle was added to Osiris Projects' complement of vessels in January 2007 as a perfect solution to client requirements for very shallow water marine surveys. The compact catamaran's key features include a high-speed jet propulsion system and very shallow draft, coupled with a solid design and build which is completely capable of drying out with no detrimental effects. She was purpose built for the Maritime Coastguard Agency (MCA) to the highest of build and fitting standards in 2003. The Eagles heavy duty design means create a sea keeping capability of that of a larger vessel. A well planned and laid-out workspace makes the vessel superbly suited for 12 hour survey operations around the UK coastline. The vessel's size and weight enables road transportation around the country at relative ease, allowing for rapid response to customers needs.



Built	Halmatic Ltd., Portchester Shipyard, Portsmouth, UK
Construction	Heavy duty GRP hull, deck & superstructure
Launched	Spring 2003
Dimensions	8.86m LOA, 2.9m beam, 0.5m draft
Displacement	6.7 tonnes (full load conditions)
Fuel capacity	600 litre
Fresh water	50 litre fixed tank
Maximum Speed	30 knots / 55 kph (full load conditions)
Operating Range	200 nautical miles / 370 kilometres
Main Engines	2 x Yanmar 6LP turbo charged marine diesel producing 250bhp @ 3800 RPM.
Propulsion	2 x Hamilton 274 waterjet units.
Gearboxes	ZF 630A1 down angle gearboxes with 1:56:1 reduction ratio
Electronics	Helm mounted camera system for monitoring operations on rear deck, Ray Marine 'RAYNAV 300' GPS, 'R72' Radar, 'ST60' Echosounder
Working Space	A well configured wheelhouse allows seating for a maximum of 2 crew and 4 passengers. The wheel house is heated and air-conditioned and also has a designated WC.
Life Saving	Complete lifejacket set, 6 man SOLAS B liferaft, deck harnesses, MCA workboat watertight flare pack.
Fire Defences	Engine specific smoke detectors with audible, helm alarm. Remote operated 'Pyrogen' fire smothering extinguisher system.

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Seabed Mapping & Coastal Survey