

'OSPREY'

HART MARINE HANDS OVER PILOT BOAT TO SVITZER

Named after Barrow Island's bird of prey in Western Australia, the 'Osprey' was delivered to her new owner Svitzer Australasia in February 2015.

The 'Osprey' is the latest in a long line of specialist pilot boats built by Victoria-based Hart Marine and the first in a growing list of orders destined for the oil and gas industry. For the client, it was of paramount importance to select a pilot boat able to supply uninterrupted pilot transfer services in the most challenging marine environments.

France's Pantocarene Naval Architects carried out the design, and a distinctive wave piercing beak bow is evident. This hull form combines the characteristics of planing and semi-planing hulls. Vertical

acceleration is reduced when compared to typical semi-planing hulls, with the best results obtained at high speed.



In addition, this feature imparts inherent roll damping qualities, only moderately slowing as the beak bow pierces the next wave.

The stability of the hulls and a low sailing trim together with wide decks provides safer pilot transfer when unberthing at speed.

A light and super strong hull is made from FRP with carbon fibre frames. The hull line, shape and integrated fender system minimises the risk of the potential venturi effect.

The vessel has substantial Ocean 3 Fendering around her hull and cabin mounted grab rails. Oversized rudders and wide trim-tabs deliver outstanding manoeuvrability. In rough weather conditions, the trim tab system drops the beak bow, adjusting the longitudinal trim of the vessel to decrease drag and increase speed.

Twin Cummins QSM 11 engines deliver power to Mikado screws through two ZF 500-1A gearboxes, which enables

the vessel to reach a top speed of 28.5 knots and a cruising speed of 24 knots. The vessel is fully self-righting in the event of a capsize. A resilient mounted wheelhouse offers protection to the crew and pilots from noise and vibration resulting in reduced stress and fatigue to the pilots. The command chair and station is placed mid-ship, which offers excellent all-round vision.

For further information contact:

Hart Marine, Victoria
Email: info@hartmarine.com.au
Web: www.hartmarine.com.au

'Osprey'	
SPECIFICATIONS	
Type of vessel:	Pilot boat
Port of registry:	Barrow Island, Western Australia
Owner/operator:	Svitzer Australasia
Designer:	Pantocarene Naval Architects, France
Builder:	Hart Marine, Victoria
Construction material:	FRP
Length overall:	16.1 metres
Length waterline:	15.1 metres
Beam:	5.4 metres
Draught:	1.5 metres
Displacement:	21.5 tonnes
Main engines:	2 x Cummins QSM 11
Gearboxes:	2 x ZF 500-1A
Propellers:	2 x Mikado twin screws
Steering system:	Hydraulic
Maximum speed:	28.5 knots
Cruising speed:	24 knots
Range:	450nm
Windows:	Forward raking
Lifeboats:	Zodiac/RFD
Fuel capacity:	2,500 litres
Freshwater capacity:	120 litres

