



Wave Guardian

Harbour Patrol / Pilot Launch

Hull Form

This class features the brand new 'Wave Length' hull form developed in conjunction with Newcastle University and tested in the towing tank at the University. The hull form is a new deep vee catamaran designed specifically for low wash characteristics as well as low resistance and good sea keeping. The structural design has been optimised to reduce the overall weight of the boat to enhance performance and as a result she is capable of a startling 21 knots with just 400 bhp of installed power, making her one of the most 'environmentally friendly' harbour patrol boats in operation today. She has a comfortable wheelhouse with a galley, a WC and seating for 12 passengers as well as ample working deck space and two 'step down' platforms aft for waterborne recovery operations or diver support. She is also fitted with pilot boarding steps which can be removed when she is not engaged in pilot duties and a lowering mast for low air draft bridges.

Principal Dimensions

Length overall:	13.5m
Beam overall:	4.8m
Displacement (light):	11.0t
Speed (light):	21kts

Main Features

- New deep vee catamaran hull form
- Diver recovery platforms
- Keel cooled engines
- Oil lubricated stern tubes

Main Equipment

- 2 x 200 bhp John Deere 6068 marine diesel engines
- 2 x custom designed propellers

Certification

- Certified to comply with MCA workboat rules

