

'Wawahia'



Teknicraft-designed Q-West-built catamaran for Whale Watch Kaikoura



New Zealand's Whale Watch Kaikoura has taken delivery of the latest addition to its fleet, 'Wawahia'.

The 17.9-metre Nic de Waal (Teknicraft Design)-designed foil catamaran built by Q-West Boat Builders is running the latest Volvo Penta D16 engines, each rated at 551kW at 1,900rpm, through HamiltonJet water jets and is controlled using Hamilton's "Blue Arrow" system.

Whale Watch Kaikoura is an "Enviro Gold" member of the Qualmark New Zealand environmental programme making the choice of D16 engines, with Volvo Penta's "Green Commitment" policy, ideal. The D16 engines and HamiltonJet water jet combination is the first to hit the water in New Zealand in a passenger-carrying vessel and appears to be an extremely successful combination with a top speed of over 35 knots, allowing for much reduced throttle openings for sustainable, economic cruising speeds.

For on board comfort, the vessel has the latest in interior layout from New Zealand's Parkhurst Design, with Beurteaux seating, Dampa ceilings and Seamac windows along

with a 117cm (46") LCD screen and sound system which displays an impressive graphic presentation of the Kaikoura trench and the marine life within.

The vessel had the capacity to go into survey for 80 passengers, but Whale Watch opted instead to place only 48 passengers and three crew so that all on board could enjoy a maximal viewing experience.

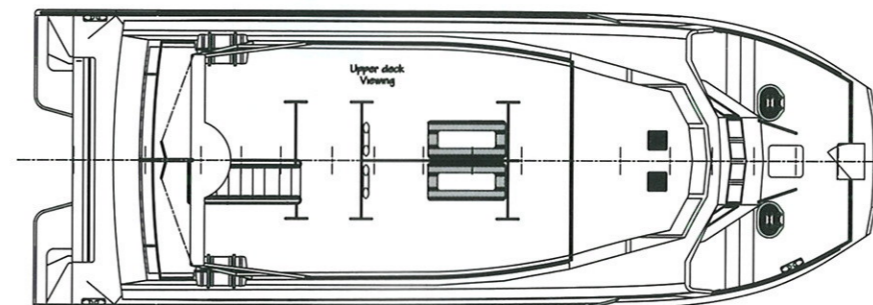
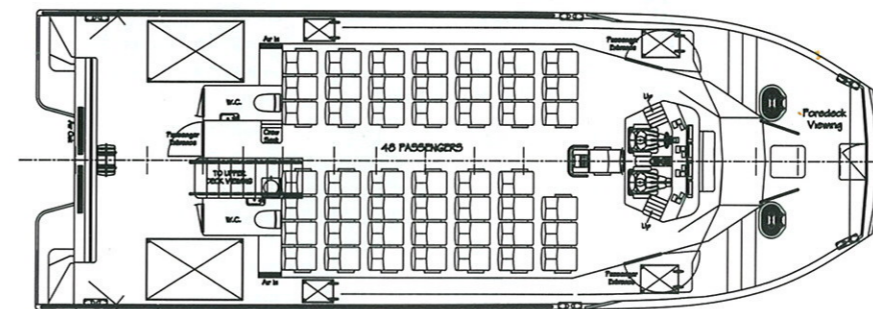
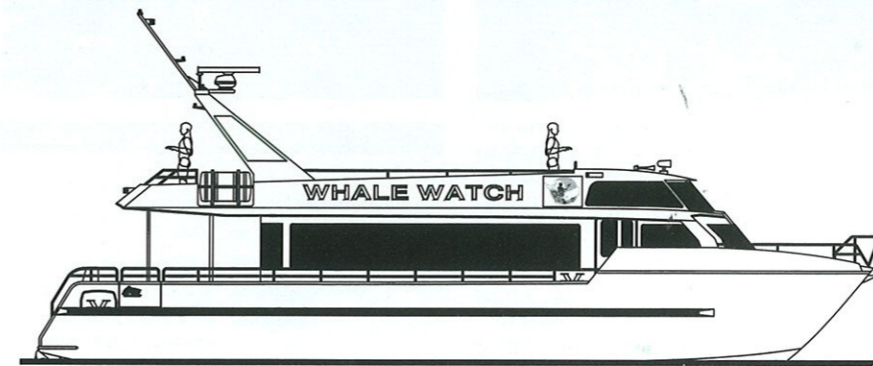
Home-ported in Kaikoura, New Zealand, the vessel has an overall length of 17.9 metres and a waterline at 15.8 metres with a 6.4-metre beam and a 0.8-metre draught.

The aluminium catamaran was built under survey to Maritime New Zealand.

The vessel has a fuel capacity of 2,000 litres and consumes 5.9 litres per nautical mile, giving the vessel a range of over 300 nautical miles.

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'Wawahia' SPECIFICATIONS

Type of vessel:	Whale watching catamaran
In survey to:	Maritime New Zealand
Home port:	Kaikoura, New Zealand
Owner/operator:	Whale Watch Kaikoura, New Zealand
Designer:	Teknicraft Design, New Zealand
Interior Design:	Parkhurst Design, New Zealand
CAD software:	Maxsurf, Rhino, AutoCAD
Builder:	Q-West Boat Builders, New Zealand
Construction material:	Aluminium
Length overall:	17.9 metres
Length waterline:	15.8 metres
Beam:	6.4 metres
Draught:	0.8 metres
Main engines:	2 x Volvo Penta D16 MH, each 551kW at 1,900rpm
Propulsion:	Hamilton HJ403 waterjets
Generator:	Kohler 20 kVA
Controls and steering:	Hamilton BlueArrow
Maximum speed:	37 knots
Cruising speed:	30 knots
Range:	300nm
Echo-sounder/plotter:	Furuno Navnet
Radios:	ICOM
Seating:	Beurteaux
Ceilings:	Dampa
Panels:	Ayres Composite Panels
Windows:	Seamac
Fuel capacity:	2,000 litres
Fuel consumption:	5.9 litres/nm
Freshwater capacity:	500 litres
Crew:	3