

# 'WAKATERE'



## Q-WEST AND TEKNICRAFT PARTNER DELIVER PILOT BOAT 'WAKATERE'

'Wakaterere' is the first foil assisted catamaran pilot boat in Australia or New Zealand. The origins of the design and build process came from the pilots in the Port of Auckland, seeing and admiring Q-West's Clipper-class vessels operating daily in varied weather conditions.



The wheelhouse

Pilots observed the Clippers and thought that they would make an ideal pilot boat for their needs. Teknicraft Design then conducted a test and drove a Clipper

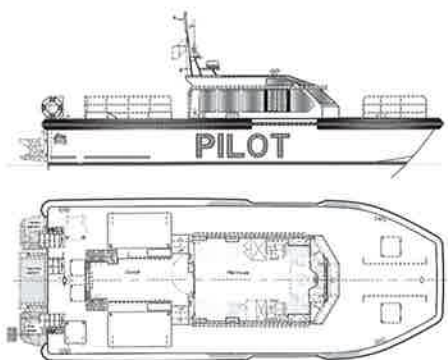
passenger vessel alongside a ship to simulate a pilot boat and it worked exceptionally well. Port of Auckland Pilots, due to their less turbulent waters, required a pilot boat that services their need for high transit speed.



The cabin area

The vessel measures 15.6 metres in length, has a beam of 5.5 metres and a draught of 0.9 metres. Powered by two Scania DI13 072M engines with a Hamilton, HJ364 waterjet and Blue Arrow steering, 'Wakaterere' is not just fast but exceptionally fuel efficient at four litres per nautical mile at a speed of 30 knots. In sea trials, she had a top speed of 42 knots. Traveling at speeds of 30 knots, 'Wakaterere' was only using about 67 per cent of her power.

'Wakaterere' features a large cabin area and engine room. The interior spaces are fitted with high windows to provide an excellent outdoor viewing experience for the five passengers and two crew members she can accommodate.



### 'Wakaterere' SPECIFICATIONS

Type of vessel:	Pilot boat
In survey to:	Maritime New Zealand
Home port:	Auckland, New Zealand
Owner:	Ports of Auckland, New Zealand
Operator:	Ports of Auckland, New Zealand
Designer:	Teknicraft Design, New Zealand
Builder:	Q-West Boat Builders, New Zealand
Construction material:	Aluminium
Length overall:	15.6 metres
Length:	14.8 metres
Beam:	5.5 metres
Draught:	0.9 metres
Depth:	1.7 metres
Main engines:	2 x Scania DI13 072M
Propulsion:	Hamilton HJ364 waterjet
Generators:	6kW Onan
Steering:	Hamilton Jet Blue Arrow
Sprint speed:	40 knots
Service speed:	32 knots
Electronics supplied by:	Advance Trident
Radars:	Simrad 4G
Depth sounders:	Simrad NSS16, EVOII
Radios:	Simrad RS35 x 2, HS35 x 1
Compass:	Ritchie FN203 Navigator
GPS:	Simrad GS25
Plotters:	Simrad NSS16 EVOII
A.I.S.:	JRC JHS 183
Other electronics:	Fliir MD625 Camera
Anchor:	Rocna
Other deck equipment:	Aft helm station
Paints/coatings:	Pettit Vivid Antifoul
Liferafts:	8 man Zodiac
Fuel capacity:	1,200L
Freshwater capacity:	200L
Crew:	2
Personnel:	5