

'CLIPPER V'



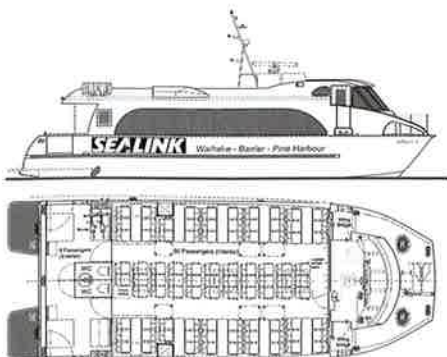
Q-WEST DELIVERS FOIL ASSISTED PASSENGER VESSEL TO SEALINK NZ

Q-West Boat Builders of New Zealand has teamed up with Teknicraft to complete a fifth foil assisted passenger vessel for Sealink NZ. The first in the series was a 12-metre, the second and third were 16 metres and the fourth was 17.5 metres.

Operating in Pine Harbour just outside



of central Auckland, 'Clipper V' measures 17.7 metres in length with a beam of 6.6 metres. She's powered by two MTU S60 engines with a Hamiltonjet HJ403



propulsion system and a Hamilton Jet Blue Arrow steering system.

The Clipper passenger vessels have evolved along with the demand on Sealink's travel routes. 'Clipper I' carries 30 passengers, 'Clipper II' and 'Clipper III' carry 50, 'Clipper IV' carries 96 and 'Clipper V' carries 99 passengers. Due to the restraints of Pine Harbour Marina, the Clippers can't be built any bigger so the brief for 'Clipper V' was to maximise passenger capability whilst also keeping with its speed and exceptional efficiency.

The 'Clipper V' isn't just a beautifully built passenger vessel but she's also exceptionally fuel efficient especially when compared to other passenger vessels of her size, weight and passenger capacity. Travelling at a cruising speed of 30 knots, 'Clipper V' will only burn six litres of fuel per nautical mile.

This fuel efficiency is due to her sleek design and build but mostly due to the fact that she is a foil assisted passenger vessel. All five Clippers in the series are foil assisted but, like the interiors, the Clippers have evolved over the years. Q-West has manufactured the foil for 'Clipper V' from a solid block of aluminium which gives it a better shape, lift and fuel efficiency.

Another feature of 'Clipper V' is the total compatibility with all other Clipper passenger vessels. This is seen most clearly with the choice of MTU engines for all five Clippers. An MTU engine from one Clipper can be swapped with another engine in any other Clipper without any issue, which is a major bonus for Sealink.

'Clipper V'

SPECIFICATIONS

Type of vessel:	Passenger Ferry
In survey to:	Maritime New Zealand
Home port:	Auckland
Owner:	SeaLink NZ
Operator:	SeaLink NZ
Designer:	Teknicraft Design, New Zealand
Bullder:	Q-West Boat Builders, New Zealand
Construction material:	Marine grade aluminium
Length overall:	17.7 metres
Length:	16.3 metres
Beam:	6.6 metres
Draught:	0.8 metres
Main engines:	2 x MTU S60
Propulsion:	2 x Hamilton HJ403 waterjets
Generator:	Kohler 17EFORZD
Steering:	Hamilton Jet Blue Arrow
Sprint speed:	38 knots
Service speed:	28 knots
Compass:	Plastimo Offshore 135
Winches:	Maxwell VC2200
Anchor:	Fortress FX-125
Other equipment installed:	Beam Platinum SC335 Central vacuum system
Paints/coatings:	Intersleek antifoul
Windows and doors:	Seamac
Safety flooring:	Garnet blasted
Liferafts:	2 x 12pax Jim-Buoy 1412
Fuel capacity:	2,000L
Freshwater capacity:	300L
Passengers:	90 internal, 6 external