

Hamilton Jet Model 362  
Application Review

## Jet Powered Fast Ferry to Boost Fiji Tourism



Fijian tourism has received a major boost with the introduction of a new Hamilton Jet powered high-speed passenger ferry. The 20 meter catamaran "Lagilagi" was launched recently in New Zealand by owners Dan and Annette Costello of Beachcomber Island, Fiji.

Powered by a quartet of MAN diesel engines and Hamilton HJ362 jet units, Lagilagi has an impressive fully laden speed of 38 knots.

Designed by Teknicraft Design, Auckland, and built by Q-West Boatbuilders in Wanganui, NZ, Lagilagi has a foil-assisted hull which provides extra speed, stability, deck space and comfort for up to 148 passengers (108 inside, 40 outside). Added features include air conditioning, an underwater camera system, a kiosk area and bar, three toilets, a shower and footbaths.

Teknicraft Designer Nic de Waal says they are ecstatic about the boat's performance, which exceeded all expectations.

"Being able to cruise at 30 knots with 150 passengers whilst only using 63% power will ensure unequalled economy," he said.

Another added feature of the Teknicraft hull shape is that the vessel banks inward on turning, much like a monohull, which increases high-speed turning performance and safety.

Lagilagi (Fijian for honour, glory, beauty and dignity) will operate a ferry service between its base near Nandi and the other main island Vanua Levu, taking in Beachcomber Island and many of the Yasawa Group Islands to the Northwest.

### ▶ Brief Specifications

<b>NAME:</b> Lagilagi	<b>WATERJETS:</b> Quad Hamilton Jet Model 362
<b>SERVICE:</b> Passenger/Tourist Ferry	<b>WATERJET CONTROLS:</b> Hamilton Jet Type HSRC
<b>LENGTH:</b> 19.8 metres [LOA]	<b>ENGINES:</b> Quad MAN diesels Model D2848 LE 405 478kW (641hp) @ 2100rpm
<b>BEAM:</b> 6.9 metres	<b>DESIGNER:</b> Teknicraft Design Ltd Auckland, New Zealand
<b>DRAUGHT:</b> 1.0 metres	<b>BUILDER:</b> Q-West Boatbuilders, Wanganui, New Zealand
<b>CONSTRUCTION:</b> Aluminium	<b>OPERATOR:</b> Beachcomber Island, Fiji
<b>DISPLACEMENT:</b> 46.5 tonnes [laden]	<b>Hamilton Jet DISTRIBUTOR:</b> Hamilton Marine Christchurch, New Zealand
<b>PAYLOAD:</b> 153 passengers & crew 3 tonnes of freight	
<b>SPEED:</b> 43 knots (maximum) 30 knots (cruise)	

