

AUSTAL NEWS

A NEW ERA IN MARITIME
TRANSPORTATION



INSIDE THIS ISSUE



Caribbean Water Taxis Take Shape



Large Vehicle Ferry for Malta Launched



CARIBBEAN WATER TAXIS TAKE SHAPE

The first of four 41 metre high speed passenger ferries for the Republic of Trinidad and Tobago has been successfully launched with the fleet on schedule for delivery later this year.

Designed to carry 405 passengers at approximately 37 knots, the aluminium vessels are intended to help reduce road congestion in Trinidad and Tobago by establishing a water taxi service between San Fernando and Port of Spain in southwest Trinidad.

The water taxi service is part of the Trinidad and Tobago

Government's "Vision 2020" strategy plan, which aims for an efficient, integrated, multi-modal public transport system. When fully operational the water taxi service is expected to facilitate the transport of approximately 8,000 to 12,000 passengers in a normal working day and will be integrated with other transport systems.

Austal's design is based on its 41 metre catamaran platform, two of which have been successfully operating in Norway since 2003.

With a combined capacity of 1620 passengers, the four Austal high speed catamarans will reduce travel times between North and South Trinidad by almost two thirds.

The reduction in the number of cars on the road will also deliver environmental benefits including reduced vehicle exhaust and noise emissions, and reduces the need to maintain and expand major roads and highways.

Passenger seating onboard each vessel is split over two levels, with the main passenger deck featuring four passenger entry points, a central kiosk and dedicated baggage compartment and bike racks. The vessels will be fitted with Austal Ride Control to ensure passenger comfort.



PRINCIPAL PARTICULARS: 41 METRE HIGH SPEED PASSENGER CATAMARAN

Length overall	41.2 metres	Engine	4 x MTU 16V2000 M72
Length waterline	38.2 metres	Gearbox	4 x Reintjes VU730 HL/HR
Beam (moulded)	10.9 metres	Waterjets	4 x Kamewa 56A3
Hull depth (moulded)	4.3 metres	Service speed	approx 37 knots
Hull draft	up to 2.0m with ride control fitted	Ride control	Austal
Passengers	405	Classification	Det Norske Veritas,
Crew	8		✱IA1 HSLC Passenger R2 EO Passenger A
Fuel	7,500 litres		

HIGH SPEED FERRY EFFECTIVE IN HAITI RELIEF



The Austal-designed and built 113 metre high speed catamaran "Huakai", formerly owned by Hawaii Superferry, has played an active role in delivering humanitarian relief to Haiti.

The vessel served as a link between Haiti and Naval Station Guantanamo Bay, Cuba, enabling frequent, high speed transportation of relief supplies into Haiti. Depending on the length of the trip, the catamaran was able to carry up to 800 tonnes per voyage.

Completed in 2009, the vessel can transport people, vehicles and other cargo at speeds of up to 40 knots and proved useful due to its shallow draft and large loading ramp. The 20 metre stern quarter, bi-fold ramp enabled the ship to be loaded and unloaded without relying on shore-side facilities such as port cranes, which were not able to be used following the earthquake.

With Port au Prince's docks and cranes destroyed or severely damaged, response officials reportedly felt it was quicker to employ vessels that require minimal infrastructure. "Huakai's" hydraulically operated aluminium

ramp has a clear width of 4.5 metres and is designed for trucks weighing up to 42 tonnes.

The involvement of "Huakai" in Haitian relief efforts is the latest demonstration of large high speed, shallow draft aluminium catamarans assisting with humanitarian support.

Austal's 101 metre "WestPac Express" has operated as a high speed theatre support vessel with the US Marines for the past nine years, and provided important humanitarian support during the 2004 Asian Tsunami.



The 20 metre stern quarter, bi-fold ramp enabled the ship to be loaded and unloaded without relying on shore-side facilities