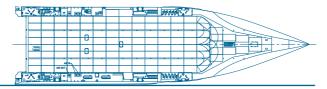


THE TRIMARAN ADVANTAGE

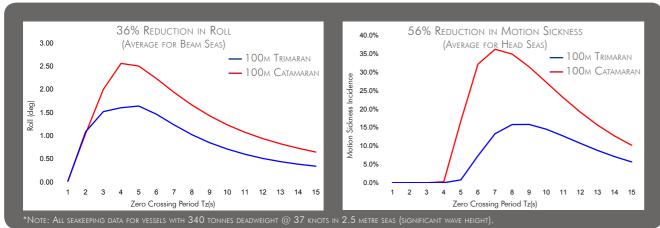


Design flexibility, fuel efficiency, unrivalled operability, improved passenger comfort. These are just some of the proven advantages of Austal's patented trimaran technology.

Most traditional high speed craft are either catamaran (two-hulls) or monohull (one hull) designs. Austal's unique trimaran design consists of three hulls – one long slender middle hull and two side supporting hulls.

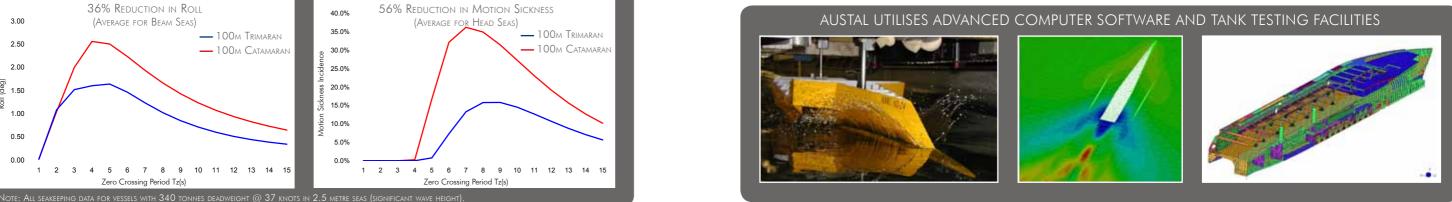
This unique three-hulled arrangement combines the softer roll of monohulls with the low resistance, stability and carrying capacity of catamarans to deliver performance beyond that of traditional high speed craft.

Proven in both commercial and defence operation, the trimaran's slower roll means lower accelerations experienced by passengers and crew - significantly reducing seasickness.



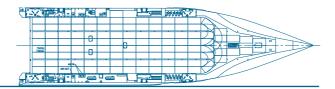
Compared to other high speed craft, the trimaran offers;

- GREATER speed for the same installed power
- IMPROVED fuel consumption when operating at the same speeds
- GREATER comfort when operating in the same sea conditions (less seasickness)
- ABILITY to operate in higher wave heights
- ABILITY to maintain higher speeds in waves
- REDUCED incidence of tunnel slamming
- REDUCED waves created behind the vessel which reduces impact on the environment





THE PROVEN SOLUTION



Successfully proven in commercial operation for over half a decade and now chosen by the US Navy to form part of its next generation fleet, the Austal trimaran hull form offers proven benefits.

The original Austal trimaran resulted from a three-year research and development program to create a new hullform to revolutionise the performance and operability of large high speed craft.

Since her delivery in 2005, Austal's inaugural 127 metre trimaran vehicle ferry "Benchijigua Express" has continued to highlight the advantages of trimaran technology to commercial operations. Despite operating along the roughest of the Canary Islands routes, "Benchijigua Express" has proven her ability to deliver passengers to their destination in comfort whatever the weather.

Sea keeping has been called the forgotten factor in the fast ferry market. Routes being considered for fast ferries today are typically longer and more exposed than the routes of yesterday.





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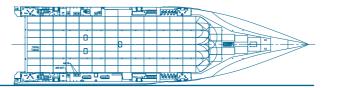
The expectations of comfort demanded by passengers are higher today than a few years ago. Ferries that are comfortable and seaworthy attract loyalty from the passengers who are also looking for a *super ferry* feel on fast ferries. Competition from short haul cut price airlines has further increased the pressure on the ferry market share.

Over the last decade, builders of fast ferries have supplied larger and larger vessels with more deadweight carrying capacity, A secondary effect of the increase in size has been the improvement in the vessel's sea keeping ability. However this has occurred as a consequence of the development and has not been its prime objective.

The trimaran hull form allows Austal to decouple capacity from the length and sea keeping of the vessel. This is an important characteristic for operators who have a rough sea route and a low deadweight requirement.



NEXT GENERATION 102 TRIMARAN



Taking trimaran technology to a new level, Austal's next generation 102 metre trimaran offers additional innovations and improvements, particularly with regards to passenger comfort. Building on the success of Austal's previous trimarans, the 102 metre design improves seakeeping, fuel efficiency, passenger comfort and operational reliability.

As well as maximising efficiency, the unique hydrodynamic hull form and three engine propulsion train deliver a speed of 39 knots (at 90% MCR) with 340 tonnes deadweight.







BENCHIJIGUA EXPRESS

The most significant vessel to arrive on the fast ferry market in recent years, "Benchijigua Express" was delivered in 2005 to Spanish ferry operator Fred Olsen, S.A and continues to successfully service the Canary Islands.

Austal's inaugural trimaran has earned a reputation for its ability to deliver passengers to their destination in comfort whatever the weather. With a roll motion more akin to a large conventional steel ferry, the vessel has introduced new levels of passenger comfort along a route known for its challenging conditions.







LITTORAL COMBAT SHIP (LCS)

Delivered to the US Navy in 2009, the 127 metre Austal-designed and built Littoral Combat Ship (LCS) "USS Independence" is a new breed of surface combatant.

With its proven trimaran hull form, the vessel offers superior sea keeping, manoeuvrability and endurance to travel 4,300 miles at 18 knots. The vessel also boasts three mission module zones, the capacity to carry any two mission modules simultaneously, and a flight deck larger than any other surface combatant.





