• HIGH SPEED CAPABILITY
  Reduced response times
• ERGONOMIC WORK SPACES
  Improved human performance
• LOW MAINTENANCE
  More time at sea
• LOW THROUGH LIFE COST
  More capabilities for the same budget
• SUPERIOR FUEL ECONOMY
  Achieving a longer range or higher speed
• CUSTOMISED DESIGN
  Meeting precise operational requirements
• SUPERIOR SEA KEEPING
  Expanded operating envelope and crew habitability
Austal is the world’s leading supplier of high performance aluminium vessels for the defence sector. With its unrivalled in-house design resource and powerful production capacity, Austal provides fast delivery of naval, patrol and auxiliary platforms which address unique customer requirements.

New Technology, Proven Solutions
By leveraging proven commercial technology into the defence sector, Austal vessels not only deliver superior performance and flexibility but also offer efficient and reliable service, and substantially reduced operating costs.

Strength and Experience
A global service and support network, financial and technical strength and experience from more than 250 vessel builds over more than twenty five years are reasons why the world’s leading navies, coast guards and police forces are among Austal’s customers.
LITTORAL COMBAT SHIP (LCS)

Designed and built by Austal, the US Navy’s Littoral Combat Ship (LCS) is a high speed warship designed to carry out a range of operations including mine countermeasures, anti-submarine warfare and the prosecution of surface attack craft in the near-shore (littoral) environment.

By utilising Austal’s proven trimaran hullform, the LCS provides enhanced seakeeping, low resistance, superior aviation facilities and large payload carrying capacity.

MISSION CONFIGURATIONS

- Anti-mine warfare (MIW)
- Anti-submarine warfare (ASW)
- Surface warfare (SUW)
- Future mission capabilities
- Special operations (Spec Ops)
- Intelligence, surveillance & reconnaissance (ISR)
- Humanitarian assistance/disaster relief (HA/DR)

LCS PRINCIPAL PARTICULARS

<table>
<thead>
<tr>
<th>Description</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>127 m</td>
</tr>
<tr>
<td>Beam</td>
<td>31.4 m</td>
</tr>
<tr>
<td>Hull draft (max)</td>
<td>4.5 m</td>
</tr>
<tr>
<td>Mission bay</td>
<td>11,000 m³</td>
</tr>
<tr>
<td>Speed</td>
<td>40 knots</td>
</tr>
<tr>
<td>Range</td>
<td>3,500 nm</td>
</tr>
<tr>
<td>Crew</td>
<td>40</td>
</tr>
<tr>
<td>Aviation</td>
<td>2 x SH-60 or 1 x CH-53</td>
</tr>
</tbody>
</table>
**80M MULTI-ROLE COMBATANT (MRC)**

The Multi-Role Combatant (MRC) is a versatile yet cost effective littoral seframe. Utilising the unique and proven Austal trimaran platform, the MRC couples high speed and superior seakeeping performance with unparalleled deck space. From border patrol to ASW to humanitarian relief missions, the Austal MRC is the truly reconfigurable seframe.

**MISSION CONFIGURATIONS**

- Large, flexible RO-RO mission/logistics deck
- Systems packaged mission modules
- Multi-mission helicopter capability
- Exclusive Economic Zone border patrol
- Area of operation theatre hospital
- Light amphibious operations
- Anti-submarine warfare
- Constabulary support
- Humanitarian Support
- Command & Control
- Hydrographic Survey
- Replenishment at-sea
- Aviation operations
- Law enforcement
- Search & rescue
- Light sealift

**MRC 80 PRINCIPAL PARTICULARS**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Length:</strong></td>
<td>80 m</td>
</tr>
<tr>
<td><strong>Speed (max):</strong></td>
<td>35 knots</td>
</tr>
<tr>
<td><strong>Range:</strong></td>
<td>3,600 nm</td>
</tr>
<tr>
<td><strong>Deadweight:</strong></td>
<td>300 tonnes</td>
</tr>
<tr>
<td><strong>Mission deck:</strong></td>
<td>450 m²</td>
</tr>
<tr>
<td><strong>Flight deck:</strong></td>
<td>1 x NH-90 or similar</td>
</tr>
<tr>
<td><strong>Crew:</strong></td>
<td>46</td>
</tr>
</tbody>
</table>
AUSTAL IS ABLE TO PROVIDE PATROL VESSELS TO ADDRESS A BROAD CROSS-SECTION

AUSTAL INSHORE PATROL 21
Length overall .................... 21.2 m
Beam (moulded) ................... 5.5 m
Hull draft (maximum) .......... 1.83 m
Speed (maximum) ................. 28.5 knots
Endurance ......................... 48 hrs
Crew ...................................... 8

AUSTAL PATROL 22
Length overall .................... 21.6 m
Beam (moulded) ................... 6.0 m
Hull draft (maximum) .......... 1.5 m
Speed (maximum) ................. 25 knots
Range .................................... 325 nm
Crew ..................................... 3
Personnel seating ................. 41

PATROL 24
Length overall .................... 24.0 m
Beam (moulded) ................... 7.8 m
Hull draft (maximum) .......... 1.39 m
Speed (maximum) ................. 26.0 knots
Range .................................... 900 nm
Crew accommodation .......... 4 x 2 berths
........................................ + 6 additional berths
Crew ..................................... 11

AUSTAL FAST PATROL 30
Length overall .................... 30.0 m
Beam (moulded) ................... 6.4 m
Hull Draft (approx.) .......... 1.5 m
Speed (maximum) ................. 40 knots
Range .................................... >1000 nm
Crew ..................................... 11
OF NEEDS FOR HEIGHTENED SECURITY AND SURVEILLANCE IN PORTS AND COASTAL WATERS.

AUSTAL PATROL BOATS

LENGTH OVERALL: 37.5 m
BEAM (MOULDED): 7.2 m
HULL DRAFT (MAXIMUM): 2.2 m
SPEED (MAXIMUM): 29.0 knots
RANGE: 1,000 nm
CREW: 3 officers, 16 sailors

LENGTH OVERALL: 38.2 m
BEAM (MOULDED): 7.2 m
HULL DRAFT (MAXIMUM): 2.3 m
SPEED (MAXIMUM): 24.0 knots
RANGE: 3,000 nm
CREW ACCOMMODATION: 15
ADDITIONAL PERSONNEL: 12

LENGTH (OVERALL): 56.8 m
BEAM (MOULDED): 9.5 m
HULL DRAFT (MAXIMUM): 2.7 m
SPEED: >25 knots
RANGE: 3,000 nm
CREW ACCOMMODATION: 29
ADDITIONAL PERSONNEL: 12
The Cape Class Patrol Boats have greater range, endurance and flexibility in responding to maritime security threats than any other Australian patrol platform. These boats also have enhanced capability to operate in higher sea states and survive in more severe conditions.

The Cape Class Patrol Boats are designed to accommodate future upgrades in weapons systems, surveillance technology and response capability.

### CCPB PRINCIPAL PARTICULARS

- **Length:** 58.1 m
- **Beam:** 10.6 m
- **Hull draft (max):** 3.1 m
- **Speed:** 26 knots
- **Range:** >4,000 nm
- **Crew Accommodation:** 22
## HIGH SPEED SUPPORT VESSEL (HSSV)

The High Speed Support Vessel (HSSV) is a multi-mission capable patrol or special operations solution based on Austal’s proven high speed catamaran platform. The shallow draft, medium-lift-aviation vessel offers high speed performance and manoeuvrability, outstanding payload capacity for vehicles, equipment, troops and stores. With a helicopter platform, multi-deck hoist, stern ramp and crane, the HSSV is prepared for any military, SAR or humanitarian / disaster relief mission.

### SELF-DEFENCE CAPABLE HSSV

![Self-Defence Capable HSSV](image)

### HSSV PRINCIPAL PARTICULARS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Length</td>
<td>72.5 m</td>
</tr>
<tr>
<td></td>
<td>76.6 m (with ramp)</td>
</tr>
<tr>
<td>Beam (moulded)</td>
<td>18.2 m</td>
</tr>
<tr>
<td>Speed (maximum)</td>
<td>35 knots</td>
</tr>
<tr>
<td>Range</td>
<td>2150 nm @ 12.5 knots</td>
</tr>
<tr>
<td>Flight Deck</td>
<td>22.0 m x 12.0 m</td>
</tr>
<tr>
<td>Weapon</td>
<td>1 x 20mm naval gun</td>
</tr>
<tr>
<td></td>
<td>4 x 12.7mm GPMG</td>
</tr>
<tr>
<td>Sea/Rescue Boats</td>
<td>2 x 7.3m RHIBs</td>
</tr>
<tr>
<td>Crew</td>
<td>69</td>
</tr>
<tr>
<td>Embarked Personnel Seating</td>
<td>260</td>
</tr>
</tbody>
</table>
In service since 2001, WestPac Express continues to redefine the transportation and logistics role of the Okinawa-based Third Marine Expeditionary Force (III MEF) of the United States Marine Corps. WestPac Express accomplishes in a single voyage what takes US Air Mobility Command multiple flights over a 14 to 16 day period, saving III MEF 250 flights and millions of dollars each year, while also achieving a faster deployment.

### THEATRE SUPPORT VESSEL

**“WESTPAC EXPRESS” PRINCIPAL PARTICULARS**

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
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<tbody>
<tr>
<td>Length</td>
<td>101.1 m</td>
</tr>
<tr>
<td>Beam</td>
<td>26.7 m</td>
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<tr>
<td>Hull draft</td>
<td>4.2 m</td>
</tr>
<tr>
<td>Speed (90% MCR)</td>
<td>33 knots</td>
</tr>
<tr>
<td>Cargo deck (usable)</td>
<td>2,570 m²</td>
</tr>
<tr>
<td>Personnel seating</td>
<td>900</td>
</tr>
</tbody>
</table>

ROLL-ON ROLL-OFF CAPABILITY DELIVERS A FAST TURNAROUND FOR MAJOR LOGISTICS OPERATIONS.
The EPF (Expeditionary Fast Transport) formerly the JHSV (Joint High Speed Vessel) is a new generation, multi-use platform capable of transporting troops and their equipment, supporting humanitarian relief efforts, the ability to operate in shallow waters, and can reach speed in excess of 35 knots fully loaded. The project brings together United States Navy, Army, Marines, and Special Operations Command to pursue a multi-use platform.

**EPF PRINCIPAL PARTICULARS**

Joint-use between US Army and Navy

Length: .......................................................... 103 m
Beam: .............................................................. 28.5 m
Hull draft: .......................................................... 4.2 m
Troop seating: .................................................. 312
Speed (90% MCR @ 700t deadweight): ............. 35 knots
Aviation: ....................................................... NAVAIR Level 1 Class 2 certified Flight Deck
MOBILE, ALABAMA, USA

HENDERSON, WESTERN AUSTRALIA

BALAMBAN, CEBU, PHILIPPINES

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WESTERN AUSTRALIA
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