THE FUTURE OF NEAR-SHORE MARITIME SECURITY

• 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
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

Length: ..................................................... 127 m
Beam: ...................................................... 31.4 m
Hull draft (max): ......................................... 4.5 m
Mission bay: ........................................ 11,000 m³
Speed: ................................................... 40 knots
Range: ................................................. 3,500 nm
Crew: .............................................................. 40
Aviation: ......................... 2 x SH-60 or 1 x CH-53
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

Length: ......................................................80 m
Speed (max): ..........................................35 knots
Range: .................................................3,600 nm
Deadweight: ......................................300 tonnes
Mission deck: ...........................................450 m²
Flight deck: .........................1 x NH-90 or similar
Crew:..............................................................46
AUSTAL IS ABLE TO PROVIDE PATROL VESSELS TO ADDRESS A BROAD CROSS-SECTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Length overall</th>
<th>Beam (moulded)</th>
<th>Hull draft (maximum)</th>
<th>Speed (maximum)</th>
<th>Endurance</th>
<th>Crew</th>
<th>Personnel seating</th>
</tr>
</thead>
<tbody>
<tr>
<td>AUSTAL INSHORE PATROL 21</td>
<td>21.2 m</td>
<td>5.5 m</td>
<td>1.83 m</td>
<td>28.5 knots</td>
<td>48 hrs</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>AUSTAL PATROL 22</td>
<td>21.6 m</td>
<td>6.0 m</td>
<td>1.5 m</td>
<td>25 knots</td>
<td></td>
<td>3</td>
<td>41</td>
</tr>
<tr>
<td>PATROL 24</td>
<td>24.0 m</td>
<td>7.8 m</td>
<td>1.39 m</td>
<td>26.0 knots</td>
<td></td>
<td>3</td>
<td>4 x 2 berths</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>+ 6 additional berths</td>
</tr>
<tr>
<td>AUSTAL FAST PATROL 30</td>
<td>30.0 m</td>
<td>6.4 m</td>
<td>1.5 m</td>
<td>40 knots</td>
<td></td>
<td>11</td>
<td></td>
</tr>
</tbody>
</table>
OF NEEDS FOR HEIGHTENED SECURITY AND SURVEILLANCE IN PORTS AND COASTAL WATERS.

AUSTAL PATROL BOATS

INSHORE PATROL 21
PATROL 22
PATROL 24
FAST PATROL 30
PATROL 37.5
PATROL 38
PATROL 39
ACPB 56
CCPB 58

MINISTRY OF DEFENCE, YEMEN
CUSTOMS & BORDER PROTECTION, AUSTRALIA
ROYAL AUSTRALIAN NAVY

AUSTAL PATROL 37.5
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

AUSTAL PATROL 38
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

ARMIDALE CLASS PATROL 56
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
CAPE CLASS PATROL BOAT

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.

HSSV PRINCIPAL PARTICULARS

Length: ....................................................... 72.5 m
................................................. 76.6 m (with ramp)
Beam (moulded): ........................................ 18.2 m
Speed (maximum): .................................... 35 knots
Range: ................................2150 nm @ 12.5 knots
Flight Deck: ...................................22.0 m x 12.0 m
Weapon: .................................1 x 20mm naval gun
................................................. 4 x 12.7mm GPMG
Sea/Rescue Boats: ...........................2 x 7.3m RHIBs
Crew:................................................................. 69
Embarked Personnel Seating: .................... 260
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>Measurement</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>
</tr>
<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.