

COMMERCIAL SOLUTIONS




AUSTAL

ABOUT AUSTAL

Austal is a global shipbuilder, defence Prime contractor and maritime technology partner of choice; designing, constructing and supporting revolutionary defence and commercial vessels for the world's leading operators.

For more than 35 years, Austal has designed and constructed more than 350 vessels for 122 operators in 59 countries, gaining an enviable reputation for innovative shipbuilding using advanced design technologies and modern, modular construction techniques.

From shipyards located in Australia, the USA, Philippines and Vietnam — and service centres located around the world — Austal offers naval, government and commercial operators the highest quality ships, systems and support.

COMMERCIAL SOLUTIONS

Austal's commercial vessel platforms include high-speed passenger ferries and vehicle-passenger (ROPAX) ferries that deliver performance, comfort, economy and reliability for both operators and customers.

Austal's proven capability to design customised vessels is complemented by the company's powerful, global production capacity. Offering monohull, catamaran and trimaran hull forms ranging from 16 metres to 130 metres in length — and speeds from less than 10 to over 50 knots — Austal has a ferry solution for any commercial or public transport service requirement, operating anywhere in the world.

With valuable experience gained from delivering customised ferries to the world's leading operators, Austal understands — better than any other shipbuilder — the expectations of customers and the demands of successful operators for high quality, high performance vessels performing in diverse environments.



Austal offers customers:

- An extensive portfolio of proven commercial vessel designs, including monohull, catamaran and trimaran hull forms, that deliver performance, economy, safety and comfort
- Unrivalled expertise and experience in high speed aluminium vessel design, construction and sustainment
- Cutting edge technology and vessel management systems that enhance vessel performance and customer experience, including Austal Motion Control System (MCS) and MARINELINK-Smart
- Industry-leading, modular manufacturing facilities, processes and techniques that reduce production times and costs
- Safe, ISO quality-assured construction processes, systems and facilities
- Best practice project management that delivers vessels on-time and on-budget
- Vessel lifecycle support services, including integrated logistics support, in-service support and sustainment services
- The assurance of a global, financially strong and secure Prime contractor, listed on the Australian Stock Exchange (ASX;ASB)
- 100% customer (operator) satisfaction



TRIMARAN



CATAMARAN



MONOHULL



PASSENGER FERRIES

As the world's largest builder of fully customised high-speed passenger ferries, Austal offers proven vessel designs ranging from 16m through to 130m in length, suited to a range of applications - from high volume commuter services to tourism orientated operations, with layouts, speeds, seakeeping and interiors optimised to match the required service.



COTAI JET

ADVANCED HULL DESIGN AND ENGINEERING

Austal's growing team of industry-leading naval architects have developed some of the world's most iconic commercial ships - and can customise a proven vessel design to suit your specific requirements - or develop an entirely new design - that delivers the optimal balance between passenger comfort, speed and efficiency over a range of operating conditions.

Supporting this product development are expert, in-house teams of marine and mechanical engineers, HVAC engineers, electrical designers, interior designer and drafts people. Utilising advanced design technology, including DeepMorpher (TM) Artificial Intelligence, Computational Fluid Dynamics, Seakeeping Analysis, three dimensional modelling and detailed Global Finite Element Analysis, the Austal team can develop an effective, customised design based on a proven monohull, catamaran or trimaran hull.

ALUMINIUM - DELIVERING STRENGTH, SPEED AND ECONOMY

As an acknowledged global leader in aluminium vessel construction, with an intrinsic understanding of the material's qualities and characteristics, Austal is at the cutting edge of aluminium structural design. The desire to optimise vessel strength for minimum weight - particularly important for the large high speed platforms - led to the development of Austal's own highly specialised in-house Finite Element Structural Analysis procedures. These procedures ensure every Austal vessel meets the highest quality standards for structural (hull) performance and integrity.

VEHICLE PASSENGER FERRIES

Efficient vehicle handling and quality interior fit outs set the Austal's 'Auto Express' series of vehicle passenger ferries apart from the competition. As with Austal's passenger ferries, vessel specifications and powering options are customised to suit operator requirements, with both catamaran and trimaran ferry designs available to carry passengers, cars, trucks and cargo at a range of speeds - and in maximum comfort to suit the sea conditions. Hull forms are optimised to ensure maximum fuel efficiency by using advanced design, powerplant and propulsion technology.



EXPRESS 5

POWERFUL GLOBAL PRODUCTION CAPACITY

MULTI-VESSEL ORDERS DELIVERED ON TIME AND ON BUDGET

With dedicated commercial vessel shipyards in Australia, the Philippines and Vietnam, operated by a highly skilled local workforce and supported by Austal Australia's design and construction resources, Austal has the global production capacity to offer fast, on-time delivery — even on multiple vessel orders. Austal's advanced, modular shipbuilding techniques provide unequalled levels of efficiency and productivity within its shipyards, which translates to reduced costs and faster construction times. Applying ISO9000 and ISO14000 quality assured and certified design and production standards, Austal produces vessels that consistently meet and exceed the highest international quality requirements.

CUSTOMISED, QUALITY INTERIOR DESIGN AND FITOUT

Whether you're after a practical, utilitarian fitout - suited to the demands of short commuter journeys - or a sophisticated and comprehensive fitout required for more luxurious operations - Austal's interior design team and fitout departments can design and produce a wide range of fully customised vessel outfits to meet any operational requirement and budget.

Austal's interior design team liaise closely with you, or your preferred interior designers to create the desired atmosphere on-board the vessel to achieve the ideal passenger experience. From the design stage to installation, consideration is always given to the dynamics of space and weight - to ensure the vessel always achieves performance specifications.

AUTO EXPRESS 102

This impressive trimaran was delivered to Condor Ferries of the UK in December 2014. The 102-metre Condor Liberation is an evolution of Austal's landmark 2005 trimaran ferry "Benchijigua Express" in every sense – optimising performance, seakeeping, fuel efficiency, passenger comfort and payload to deliver a truly next generation transportation solution.

Austal Philippines undertook a program of optimization works for the vessel prior to delivery, including a Bridge extension and interior fitout.

PRINCIPAL PARTICULARS

LENGTH OVERALL	102.0 M
BEAM (MOULDED)	27.4 M
HULL DRAFT (MAX)	4.5 M
SPEED	37 KNOTS @ 90% MCR
RANGE	660 NM @ 90% MCR
PASSENGERS	880 IN 3 LOUNGES
VEHICLES	245 CARS
HEAVY VEHICLES	188 LANE METRES AND 137 CARS
MAXIMUM DEADWEIGHT	620 TONNES



CONDOR LIBERATION

AUTO EXPRESS 127

The 127m high speed vehicle-passenger trimaran ferry was delivered to client Fred Olsen S.A. in 2005 for operation in the Canary Islands.

In that year, Benchijigua Express was quite simply the most significant vessel to arrive on the fast ferry stage. The trimaran vessel revolutionised fast sea transportation and opened new markets beyond the ability of existing fast ferry designs.

The vessel remains an icon and industry benchmark for service reliability and availability.

PRINCIPAL PARTICULARS

LENGTH OVERALL	126.7 M
BEAM (MOULDED)	30.4 M
HULL DRAFT (MAX)	4.2 M
SPEED	40.5 KNOTS @ 100% MCR
PASSENGERS	1,291
VEHICLES	341 CARS
HEAVY VEHICLES	450 LANE METRES AND 123 CARS
MAXIMUM DEADWEIGHT	1,141 TONNES



BENCHIJIGUA EXPRESS

AUTO EXPRESS 118

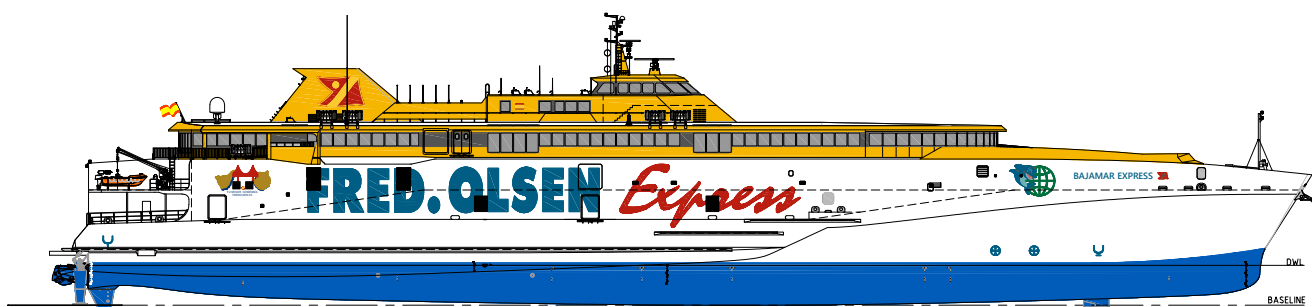
Capable of transporting 1,100 passengers and 276 cars at a cruising speed of over 37 knots, the new ferries for Fred. Olsen Express feature class-leading interior amenities and facilities, including multiple bars, kiosks, a retail shop and children's play area.

The A\$190 million contract for two trimarans, was announced in December 2018. The first vessel, 'Bajamar Express' was constructed by Austal Australia and delivered in July 2020. The second vessel 'Bañaderos Express' was built by Austal Philippines and was delivered in October 2021.

'Bajamar Express' and 'Bañaderos Express' offer a dedicated trimaran service on the route between Santa Cruz, Tenerife, and Agaete, Gran Canaria, Spain.

PRINCIPAL PARTICULARS

LENGTH OVERALL	118 M
BEAM (MOULDED)	28.48 M
HULL DRAFT (MAX)	4.2 M
MAX. SPEED	37.5 KNOTS @ 85% MCR
PASSENGERS	1,100
VEHICLES	276 CARS
HEAVY VEHICLES	350 LANE METRES AND 100 CARS
MAXIMUM DEADWEIGHT	750 TONNES



BAJAMAR EXPRESS



TRIMARAN TECHNOLOGY

GREATER PASSENGER APPEAL – A MORE COMFORTABLE RIDE, MORE OFTEN

The trimaran's capability in rough seas is renowned and both passengers and crew benefit from the greater comfort, achieved from the unique hull and Austal's proprietary Motion Control System (MCS) technology. Passengers consistently report a smoother journey whilst the crew benefits from safer, more productive schedules where seasickness is minimal and passengers, vehicles and cargo are more secure.

BETTER SERVICE RELIABILITY – MORE OPERATING DAYS AND FEWER DELAYS

The Benchijigua Express' trusted seakeeping ability and exemplary performance record is highlighted by the fact that Fred. Olsen Express has never cancelled a scheduled sailing due to bad weather or technical faults in 16 years of operation.

The high speed trimaran design provides operators with enhanced schedule performance and improved customer experience leading to greater satisfaction, brand loyalty and repeat business.

A SOLUTION FOR TRANSPORTING LARGE NUMBERS OF PEOPLE, VEHICLES AND CARGO SAFELY, QUICKLY AND COST EFFECTIVELY

Delivering more 'bang for the buck' than traditional RO/PAX ferries, trimarans are more spacious and more efficient than equivalent monohulls and catamarans.



Austal's recent delivery of two 117 metre high speed vehicle passenger ferries, for Fred. Olsen Express, not only sends a strong signal to the international market that fast ferries are back, but confirms Austal's proven trimaran hull design as the most cost effective and highly capable vessel platform to deliver superior seakeeping and schedule performance.



AUTO EXPRESS 109

The Austal Auto Express 109 represents the very latest in high-speed catamaran technology, delivering an optimum ferry solution for operators Molslinjen and Fjordline.

Austal's sleek hull form and superstructure design enables over 1,000 passengers and 400 cars to be transported safely, at up to 40 knots and in class-leading comfort.

The 'Express 4' for Molslinjen of Denmark was delivered in early 2019, while the Fjordline vessel 'FSTR' was delivered in March 2021.

PRINCIPAL PARTICULARS

	<i>MOLSLINJEN</i>	<i>FJORDLINE</i>
LENGTH OVERALL	109 M	109 M
BEAM (MOULDED)	30.5 M	30.5 M
HULL DRAFT (MAX)	3.4 M	3.8 M
SPEED	37 KNOTS @ 85% MCR	37.5 KNOTS @ 90% MCR
PASSENGERS	1,006	1,200
VEHICLES	425 CARS	404 CARS
HEAVY VEHICLES	610 LANE METRES AND 232 CARS	530 LANE METERS AND 228 CARS
MAXIMUM DEADWEIGHT	1,000 TONNES	1,000 TONNES



FSTR

EXPRESS 4

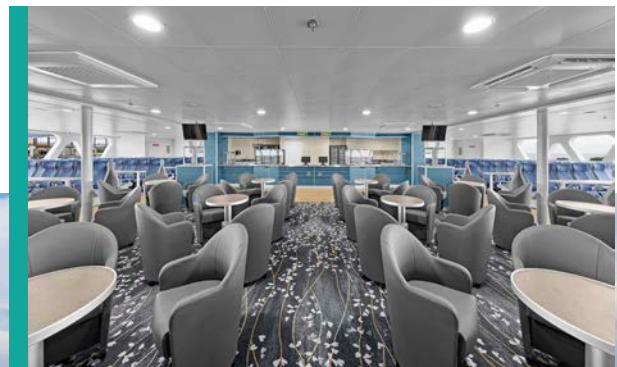
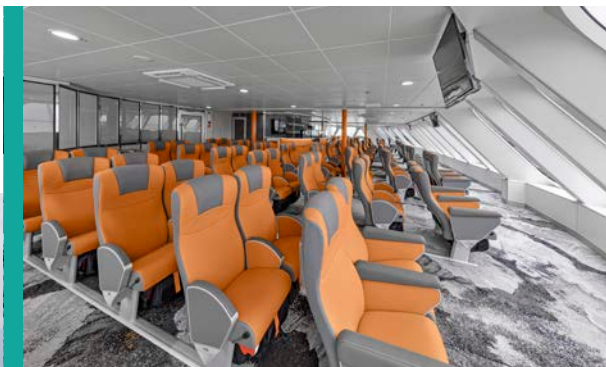
AUTO EXPRESS 94

The 94 metre high-speed vehicle passenger ferry, is an all new aluminium catamaran carrying 926 passengers and 250 cars at cruising speed of 37.5 knots (90% MCR), operating between the islands of Trinidad and Tobago in the Caribbean Sea. The ship is operated by the National Infrastructure Development Company.

The A.P.T. James is the very first vessel to be constructed at Austal's Vietnam shipyard located in Vung Tau.

PRINCIPAL PARTICULARS

LENGTH OVERALL	94 M
BEAM (MOULDED)	26.2 M
HULL DRAFT (MAX)	3.3 M
SPEED	37.5 KNOTS @ 90% MCR
PASSENGERS	926
VEHICLES	250 CARS
HEAVY VEHICLES	90 LANE METERS AND 222 CARS
MAXIMUM DEADWEIGHT	593 TONNES



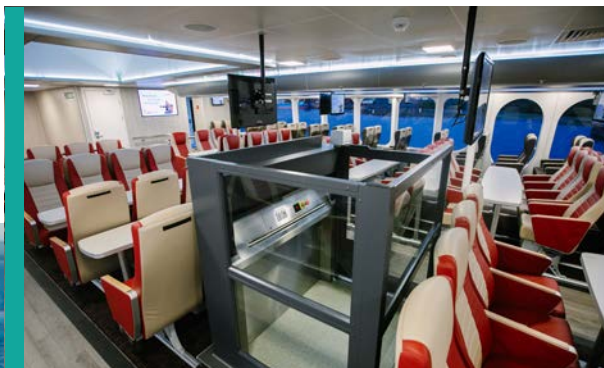
A.P.T JAMES

PASSENGER EXPRESS 56

The “Halunder Jet” is FRS Helgoline’s flagship vessel, offering more space and comfort for passengers. The vessel is outfitted to maximise the passenger experience, with energy efficient LED lighting to create mood, ambience and decorative effect. Large windows in the cabin create superior visibility and two open deck areas offer passengers unparalleled viewing opportunities, travelling the popular River Elbe route between Helgoland and the Port of Hamburg,

PRINCIPAL PARTICULARS

LENGTH OVERALL	56.4 M
BEAM (MOULDED)	14 M
HULL DRAFT (MAX)	1.7 M
SPEED	34.6 KNOTS @ 85% MCR
PASSENGERS	680
MAXIMUM DEADWEIGHT	96 TONNES



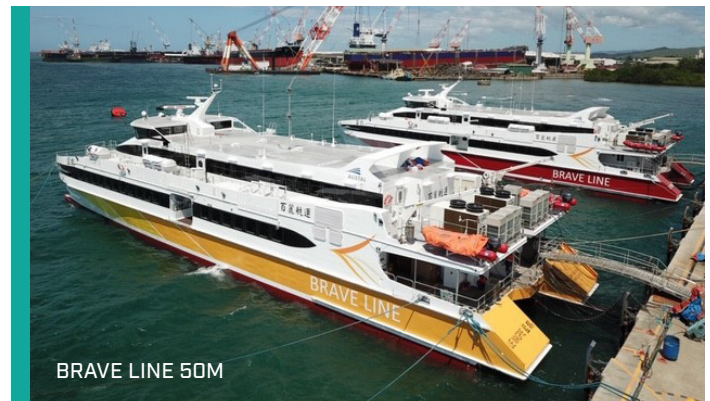
HALUNDER JET

PASSENGER EXPRESS 50

Austal was awarded a contract to design and build 2 x 50 meter high speed catamarans for Taiwan's Brave Line in September 2017.

PRINCIPAL PARTICULARS

LENGTH OVERALL	49.9 M
BEAM (MOULDED)	13.3 M
HULL DRAFT (MAX)	4.3 M
SPEED	39.2 KNOTS @ 90% MCR
PASSENGERS	550
MAXIMUM DEADWEIGHT	67.5 TONNES



PASSENGER EXPRESS 50

Delivery of the Incat Crowther designed Seastar 11 to Seaspovill of South Korea in July 2017.

PRINCIPAL PARTICULARS

LENGTH OVERALL	49.9 M
BEAM (MOULDED)	11.5 M
HULL DRAFT (MAX)	1.3 M
SPEED	40 KNOTS
PASSENGERS	450
MAXIMUM DEADWEIGHT	52.8 TONNES



PASSENGER EXPRESS 30

Three vessels have been delivered to ferry operators in the Philippines. Two of these Incat Crowther designed vessels were delivered to 2GO in mid 2017, and a third delivered to VS Grand Ferries in September 2018.

PRINCIPAL PARTICULARS

LENGTH OVERALL	30.5 M
BEAM (MOULDED)	8.5 M
HULL DRAFT (MAX)	1.2 M
SPEED	25 KNOTS @ 90% MCR
PASSENGERS	300
MAXIMUM DEADWEIGHT	32.7 TONNES



AUSTAL 35

PRINCIPAL PARTICULARS

LENGTH OVERALL	35.2 M
BEAM (MOULDED)	7.0 M
HULL DRAFT (MAX)	1.2 M
DEPTH (MOULDED)	2.7 M
SPEED (100% MCR)	36 KNOTS
PASSENGERS	138
MAXIMUM DEADWEIGHT	26 TONNES

MARY D ENTERPRISES, NEW CALEDONIA



AUSTAL 37

PRINCIPAL PARTICULARS

LENGTH OVERALL	37.2 M
BEAM (MOULDED)	10.7 M
HULL DRAFT (MAX)	1.3 M
DEPTH (MOULDED)	2.6 M
SPEED (90% MCR)	29.3 KNOTS
PASSENGERS	292
MAXIMUM DEADWEIGHT	33 TONNES



AUSTAL 40

PRINCIPAL PARTICULARS

LENGTH OVERALL	40.0 M
BEAM (MOULDED)	10.0 M
HULL DRAFT (MAX)	1.4 M
DEPTH (MOULDED)	2.8 M
SPEED (90% MCR)	34 KNOTS
PASSENGERS	318/338



NAN HAI PING GANG PASSENGER TRANSPORT CO, HONG KONG

AUSTAL 41

PRINCIPAL PARTICULARS

LENGTH OVERALL	41.2 M
BEAM (MOULDED)	10.9 M
HULL DRAFT (MAX)	2.0 M
DEPTH (MOULDED)	4.3 M
SPEED (90% MCR)	37.5 KNOTS
PASSENGERS	405
MAXIMUM DEADWEIGHT	40 TONNES



NIDCO, TRINIDAD AND TOBAGO

AUSTAL 45

PRINCIPAL PARTICULARS

LENGTH OVERALL	45.2 M
BEAM (MOULDED)	12.3 M
HULL DRAFT (MAX)	1.8 M
DEPTH (MOULDED)	4.0 M
SPEED (100% MCR)	38 KNOTS
PASSENGERS	360
MAXIMUM DEADWEIGHT	67 TONNES

L'EXPRESS DES ILES, SA, GUADELOUPE



AUSTAL 47

PRINCIPAL PARTICULARS

LENGTH OVERALL	47 M
BEAM (MOULDED)	11 M
HULL DRAFT (MAX)	1.4 M
DEPTH (MOULDED)	4.0 M
SPEED (100% MCR)	34 KNOTS
PASSENGERS	437
MAXIMUM DEADWEIGHT	60 TONNES

SAS JEANS, GUADELOUPE



AUSTAL 48

PRINCIPAL PARTICULARS

LENGTH OVERALL	47.5 M
BEAM (MOULDED)	11.8 M
HULL DRAFT (MAX)	1.6 M
DEPTH (MOULDED)	3.8 M
SPEED (100% MCR)	42 KNOTS
PASSENGERS	413
MAXIMUM DEADWEIGHT	70 TONNES

COTAIJET LIMITED, HONG KONG



AUSTAL 52

PRINCIPAL PARTICULARS

LENGTH OVERALL	52.4 M
BEAM (MOULDED)	13 M
HULL DRAFT (MAX)	1.5 M
DEPTH (MOULDED)	4.5 M
SPEED (100% MCR)	40 KNOTS
PASSENGERS	432
MAXIMUM DEADWEIGHT	58 TONNES

A.G. REEDEREI NORDEN-FRISIA, GERMANY



MOTION CONTROL

Austal's proprietary Motion Control System (MCS) utilising unique T-Foil stabilisers, reduces vessel motion and improves seakeeping to provide a more comfortable journey, every time. The advanced, computer-controlled motion reduction system is available on every Austal vessel and is proven to reduce seasickness and improve customer satisfaction.



AUSTAL T-FOIL STABILISER

MARINELINK

MARINELINK

MARINELINK is the trusted control and monitoring system developed and refined for more than 20 years by Austal. To cater for customer requirements in an era of rapidly advancing digital technology, Austal has upgraded and expanded our reliable MARINELINK system to a new suite of on-board and on-shore digital systems.

The new generation of MARINELINK will enable ship operators on-board and on-shore to monitor, analyse and act, delivering safe, efficient and comfortable operation of their vessels.

MARINELINK delivers advanced integrated monitoring and control, remote vessel performance tracking and voyage optimisation to reduce fuel consumption and enhance passenger comfort.

The MARINELINK product suite caters for vessel Operations, Performance and Support, and includes the following products.



SHIP

SHORE

SUPPORT
PERFORMANCE
OPERATIONS

MARINELINK Lifex

Hardware upgrades for existing MARINELINK installations

MARINELINK Smart

Crew live advice to improve fuel efficiency, passenger comfort and on-time arrival.

MARINELINK Prime

Next generation highly integrated monitoring and control system.

MARINELINK Essential

Lightweight monitoring and control solution for less complex systems.

MARINELINK Watch

Remote network health monitoring and 24/7 Austal support for your MARINELINK system.

MARINELINK Connect

Bring ship data to shore for storage, enrichment and analysis.



GLOBAL SERVICE AND SUPPORT

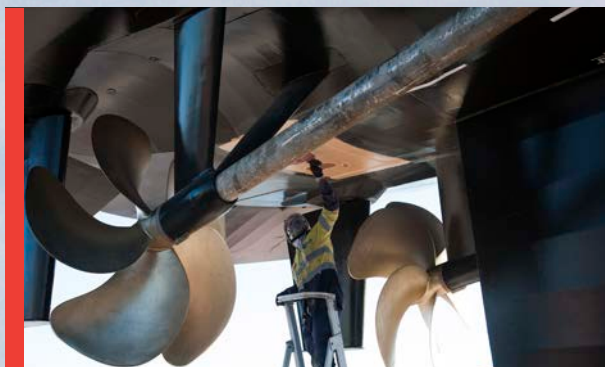
Austal recognises the need to maximise the operational availability and capability of every vessel we design and construct. Our global service and support teams work closely with every customer – from the design phase, through construction and delivery and into operation – to understand their individual ship and fleet requirements so that effective, through-life product and service support can be provided throughout the life of the vessel.

Austal Australia offers an extensive portfolio of vessel sustainment and in-service support services that ensure customers' vessels are available for operation in accordance with their operational profile. Austal's 'through-life capability management' services take into account vessel usage requirements and can include guarantees to ensure operational targets are met.

AUSTAL SUPPORT SERVICES

- » Integrated Logistics Support (ILS)
- » Contract Maintenance
- » Technical Management and Systems Support
- » Through Life Capability Management:
 - Maintenance Management and Scheduling
 - Preventative and Corrective Maintenance
 - Dockings, Refits and Refurbishment
 - Ship Management Support Services
 - Training Services
 - Spare Parts Management and Supply
 - Consultancy Services







100 CLARENCE BEACH ROAD, HENDERSON WA 6166

E SALES@AUSTAL.COM **P** +61 8 9410 1111

AUSTAL.COM