

HENDERSON OVERVIEW

HENDERSON FACILITIES

At 14.5 hectares and located just 13km South of Fremantle, within the Australian Marine Complex, we offer high quality local fabrication and maritime services to both commercial vessel and resource sectors. Features of the facility include laydown and assembly areas as well as covered fabrication with integrated cranae. It is the largest privately operated waterfront facility within the AMC.

In addition to the resource sector and maritime ship repair sectors, Henderson has pedigree in the design, construction, delivery and through life support of small to medium paramilitary and patrol vessels. Vessels can be designed and constructed in house to suit tailored customer expectations for both domestic and international markets.

Certified by Lloyd's Register against ISO 9001, the facility is operated by a highly trained workforce with support from a suite of proven and local sub contractors. With global reach back to specialist services within the wider BAE Systems community, we offer comprehensive and low risk solutions for your project.

FACILITIES INCLUDE:

- Roll on/Roll off - Load in/Load out wharf
- 8,000 Tonne Syncro-lift
- Fabrication and construction halls
- Mechanical, pipe-spooling, welding and electrical workshops
- Five vessel repair dry berths
- Wharfage and outdoor lay down areas
- Cranes
- Warehousing
- Engineering design services

CORE CAPABILITIES:

- Commercial and defence refit and repair
- Construction of new vessels
- General fabrication and construction

ADDITIONAL CAPABILITY AT CUF

The Henderson Facility can also take advantage of the government owned Common User Facility, which includes world-class infrastructure available under flexible leasing arrangements.

DRY BERTH FACILITY

| | Length | Width |
|------------------|--------|--------|
| Rotary turntable | 80 m | 24.5 m |
| Berth 1 | 100 m | 24.5 m |
| Berth 2 | 180 m | 24.5 m |
| Berth 3 | 190 m | 24.5 m |
| Berth 4 | 90 m | 24.5 m |

WET BERTH FACILITY

| | Length | Depth |
|-------------|--------|--------|
| Wharf North | 140 m | 11.5 m |
| Wharf South | 110 m | 11.5 m |

FUTURE WHARF

| | | |
|---|-------|--|
| Load out heavy lift facility due January 2015 | | |
| Load out tonnage | 500 t | |
| Length | 25 m | |
| Width | 15 m | |

SITE LOCATION

| | |
|-------------|---|
| Sea access | Located in the sheltered waters of Cockburn Sound, Western Australia Direct access to the Indian Ocean |
| Load out | Larger module construction and load out as a result of close sea access |
| Rail access | Close proximity to Perth Southern Rail Link |
| Air access | 30 minutes from Perth International Airport |
| Road access | Cockburn Road with easy connection to Kwinana Freeway |

SHIPYARD ACCESS

| | |
|----------------------|--------|
| Minimum water depth | 10 m |
| Berthing width | 28 m |
| Docking width | 24.5 m |
| Height restrictions | None |
| Distance to open sea | 900 m |
| Tidal shift | 0.6 m |

SERVICES

| | |
|---|-------|
| Plate bender | 75 t |
| Frame bender | 275 t |
| Hydra-bend press plate | 500 t |
| Hydra-cut guillotine | 3 m |
| Gas profile cutting machine with optic 'magic eye' controls | |

SHIP LIFT

| | Length | Width | Draft | Weight |
|-----------|--------|-------|-------|---------|
| Ship lift | 150 m | 25 m | 9.4 m | 8,065 t |

FABRICATION FACILITY

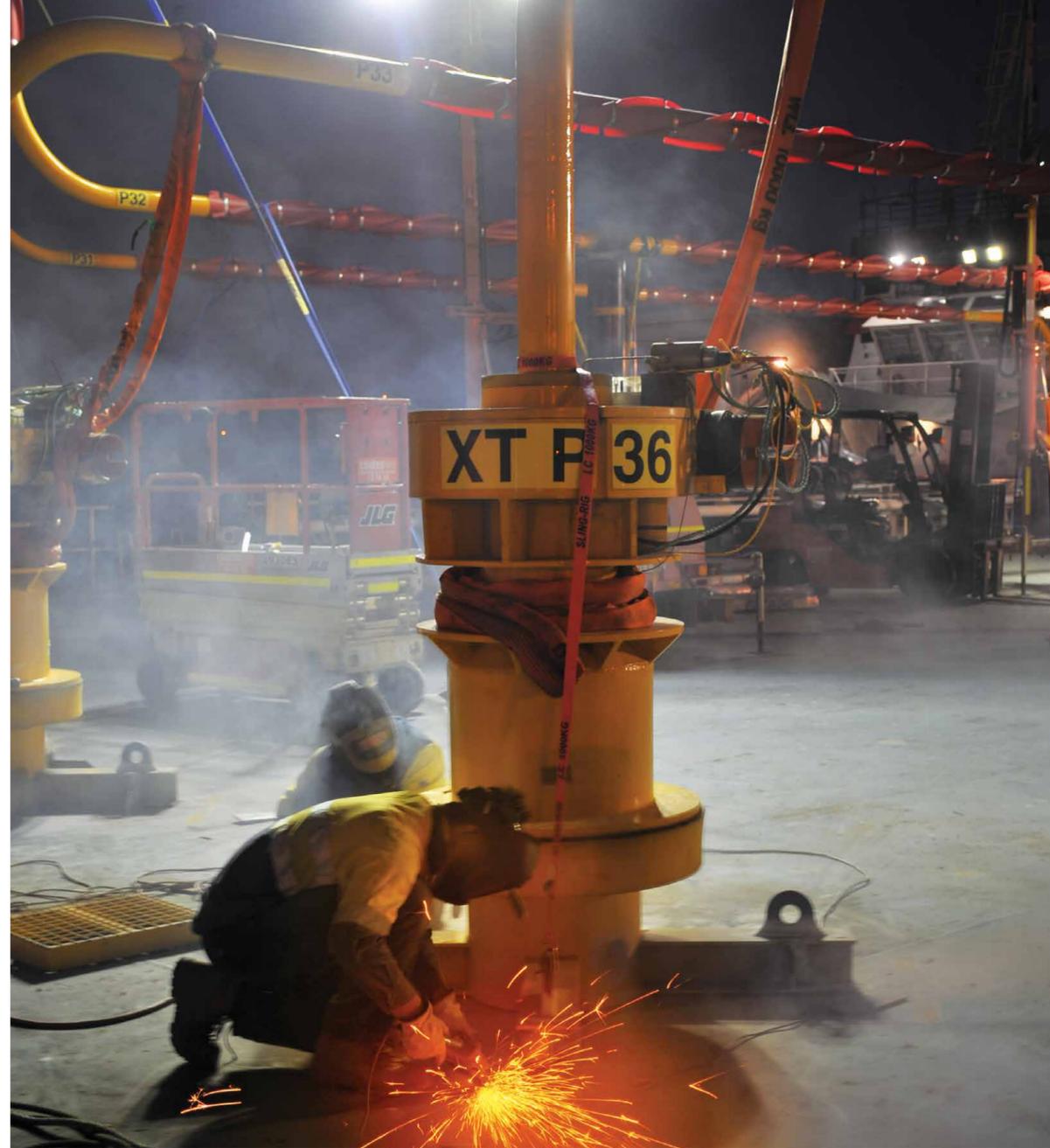
| | Length | Width | Height | Height under hook |
|----------------------|--------|--------|--------|-------------------|
| Construction hall | 75 m | 19 m | 28 m | 19 m |
| Fabrication hall 1 | 54 m | 18.5 m | 7.5 m | 5.15 m |
| Fabrication hall 2 | 38.3 m | 18.8 m | 7.5 m | 5.6 m |
| Steel storage yard | 61.5 m | 27 m | | 3.3 m |
| Plasma cutter bed | 19.5 m | 7.4 m | | 5.15 m |
| Egmont Road Workshop | 90 m | 24 m | 9 m | 6.5 m |

CRANAGE

| | Capacity |
|---------------------|---|
| Workshop - Overhead | 7 t, 10 t, 20 t and 40 t |
| Yard - Mobile | 20 t and 80 t (access for mobile cranes to 800 t) |
| Yard - Crawler | up to 550 t |

WAREHOUSING FACILITY

| | Length | Width | Height |
|---------------|--------|--------|--------|
| Bulk store | 30 m | 21 m | 4.5 m |
| Small storage | 26 m | 14.3 m | 3.5 m |
| Thorpe way | 62 m | 40 m | 6 m |



HENDERSON FACILITY

A LEADING ENGINEERING SERVICES AND FABRICATION PROVIDER TO THE OIL & GAS AND RESOURCES, COMMERCIAL SHIP REPAIR, CONVERSION, AND DEFENCE SECTORS



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OIL & GAS AND RESOURCES

WELCOME TO BAE SYSTEMS

We are a global company delivering products and services for clients in more than 100 countries across the resources and energy, defence, and commercial maritime sectors. With an annual turnover of \$35 billion, and clients in over 100 countries, our worldwide support, capabilities, performance and people, combine to give our clients the confidence of solid backing and support.

ONGOING TRANSITION TO SUPPORT THE RESOURCES INDUSTRY

Traditionally, our fabrication facilities have provided primarily shipbuilding, repair, conversion, maintenance, construction and refit services for naval and commercial vessels. BAE Systems now operates in the oil & gas and resources sector internationally. Our fabrication facilities, global expertise and heavy industry skills sets are now being transitioned and successfully applied to the Australian resources sector. This encompasses onshore and offshore oil & gas, mining & minerals processing, and offshore communications and security industries.

We offer services to the resources industry including fabrication and construction:

- Preassembled modules (PAU)
- Subsea structures
- Manifolds and risers
- Pipe supports
- Jackets and topsides
- Pipe racks (PAR) and pipe spools
- Pressure vessels and tanks
- Accommodation modules

GATEWAY TO NORTH WEST RESOURCES PROJECTS

With 'roll on roll off' loadout facilities, we can loadout directly from our undercover fabrication hall to a heavy lift vessel or barge moored at our wet berth. We offer clients cost and time efficiencies by being totally autonomous from any other port facility.

MODULARISATION

Our unique 'roll on roll off' loadout facilities allow for modular construction, fabrication and loadout of large modules for process plants, materials handling equipment, and subsea and offshore wharf structures. Clients can have plant and structure modules pre-built in large sections offsite, pre-assembled, commissioned and transported effortlessly to our site for final assembly.

REMOTE TELECOMMUNICATIONS AND SECURITY

We have a proven record of delivering dependable telecommunications systems operating in remote, offshore and harsh environments, maintaining essential data, voice, video and security links to underpin our clients' operations, safety, security and employee well-being. We have engineers and technicians trained to work in, and understand and comply with the demands of remote and hazardous site environments.

COMMITMENT TO SAFETY AND QUALITY

Quality certified to AS/NZS ISO 9001:2000 Henderson facilities are operated by a highly-trained workforce committed to safety, health and the environment and certified to AS:4801.

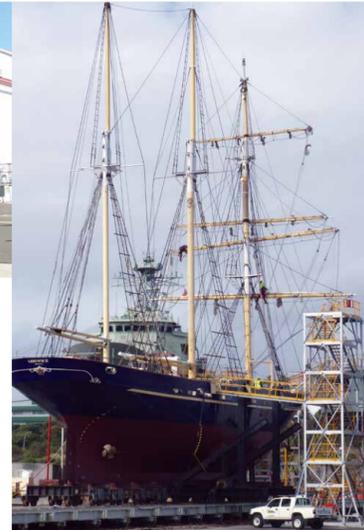
COMMERCIAL SHIP REPAIR AND CONVERSION

Henderson provides complete design and construction services for new vessels as well as the refit, conversion and repair of existing vessels.

Our Henderson facility prides itself as being the home of one of Australia's largest Ship Lifts and largest within Western Australia.

We offer services to the commercial maritime sector including maintenance, repair, upgrade, conversion of:

- Offshore supply vessels
- Survey vessels
- Anchor handlers
- Construction barges
- Dive vessels
- Tugs
- Barges
- Coasters
- Tankers
- In-field supply vessels
- Dredges
- Trawlers



BAE Systems has successfully increased its commercial ship repair market share, a reflection of our service and capability in this growing sector.

Our 8,065 tonne Ship Lift can lift vessels up to 150 metres in length and 24.5 metres beam. The Ship Lift provides access to a 50 metre Dry Berth leading onto a rotary turntable that provides access to a 150 metre Dry Berth and a 100 metre Dry Berth.

Many of the commercial vessels serviced at Henderson are associated with the oil and gas industry in the North West Shelf of Western Australia. Typically these consist of offshore supply and geophysical research vessels. Other commercial repair projects completed include feeder container vessels, livestock carriers, tugs and other harbour craft.

A notable major ship conversion was carried out by BAE Systems Henderson on a 22,500 bulk carrier, converting it to a dual purpose acid/bulk carrier. Commercial ship owners, who have traditionally used Asian shipyards for repairs and refits, are being attracted to BAE Systems Henderson by the high quality, and value offered.

The Henderson facility is located within the Australian Marine Complex (AMC). The AMC has been established to provide infrastructure and support to local marine and offshore oil and gas industries. Within the AMC, there are a number of specialised engineering companies available to assist BAE Systems. They provide the additional expertise and resources to successfully complete large scale ship repair and conversion projects.



DEFENCE

GLOBAL STRENGTH, LOCAL PRESENCE

BAE Systems offers the Australian Defence Force and security clients unequalled capabilities in engineering systems integration, fabrication and advanced electronics. This includes operating two leading Australian fabrication and manufacturing facilities with in-house engineering, project management and multidiscipline manufacturing trades.

We deliver efficient value for money solutions, drawing on the experience and strengths of our worldwide company. Our Ship Lift and transfer facilities have been specifically designed to facilitate refit work on the Royal Australian Navy's Collins Class submarines and surface ship fleet.

Another important and growing contribution to our Defence repair work has been visiting foreign naval vessels. We have successfully conducted a number of urgent repair contracts for the United States Navy.



RORO LOADOUT MODULAR FLEXIBILITY

- Modules
- Subsea Structures
- Jumper Pipe Spools
- Marine Vessels



Our Henderson facility is 14.5 hectares of absolute waterfront, lay down and fabrication areas and is the largest privately operated waterfront facility in Western Australia.