

WILLIAMSTOWN SHIPYARD

BAE SYSTEMS AUSTRALIA



THIS ICONIC SHIPYARD HAS BEEN THE BIRTHPLACE OF MANY VESSELS, INCLUDING THE ROYAL AUSTRALIAN NAVY'S ANZAC CLASS SHIPS AND THE ROYAL NEW ZEALAND NAVY'S OFFSHORE PATROL VESSELS.

BAE Systems Williamstown Shipyard is located in the northern part of Port Phillip Bay, adjacent to Port of Melbourne commercial operations.

This iconic shipyard has been the birthplace of many vessels, including the Royal Australian Navy's ANZAC Class Ships and the Royal New Zealand Navy's Offshore Patrol Vessels.

CAPABILITIES

- commercial and defence refit and repair
- construction of new vessels
- general fabrication and construction.

Certified by Lloyd's Register against ISO 9001, the facility is operated by a highly trained workforce with global reach back to specialist services located at other BAE Systems sites.

SITE FACILITIES

- Ship access
- Fabrication and construction facilities
- Dry dock facilities
- Wharfage
- Cranes – fixed and mobile
- Warehousing
- Design services
- Blast and paint
- Automated profile cutting
- Automated panel fabrication.

SITE LOCATION

Sea access	Located in the northern part of Port Phillip Bay adjacent to Port of Melbourne commercial operations
Load out	Larger module construction and load out with close sea access
Rail access	500 m from Williamstown Station
Air Access	40 minutes from Melbourne International Airport
Road Access	Nelson Place with easy access from Westgate Freeway

SHIPYARD ACCESS

Minimum water depth	7 m
Maximum water depth	9 m
Width restrictions	31 m
Height restrictions	None
Distance to open sea	70 km via Port Phillip Bay Channel
Tidal Shift	Approximately 0.7 m

SERVICES

Plate cutting	Plasma and oxy-gas to 150 mm
Plate rolling	1200 t
Frame bender	500 t
Brake press	500 t
Pipe bending/fabrication	Up to 210 mm diameter

FABRICATION FACILITY

	Length	Width	Height	Height under hook
Steel yard, plate and preparation	67 m	34 m		8.0 m (magnetic lifting frame)
Plate cutting (x 2)	13.5 m	7.5 m		6.6 m
Parts making shop	95 m	36 m	8.8 m	6.6 m
Bar fabrication shop	85 m	19 m	8.8 m	7 m
Panel fabrication shop	94 m	36 m	8.8 m	6.5 m
Unit assembly	93 m	20 m	19 m	15.2 m
Unit blast facility	27.9 m	15.6 m	11.5 m	
Module hall	71 m	44 m	19.5 m	17 m
Pipe fabrication & laundry	63 m	47 m	7.5 m	6 m
Weapons shop	47 m	25 m	11 m	8.2 m
Small parts paint shop	11.7 m	8.3 m	2.5 m	
Building berths (x 2)	146 m	17.8 m		
Outdoor	20,000 m ²			
Construction Hall	74 m	51 m	20 m	12 m
Block Blast Chamber Facility	26 m	24 m	13.5 m	

DRY DOCK FACILITY

	Length	Width	Depth
Alfred Graving Dock	142 m	18 m	7.9 m

WHARFAGE

	Length	Depth
Nelson Pier (x 2)	250 m	10 m
Dockyard Pier	170 m	8 m
Shenandoah Wharf	97 m	8.6 m

CRANAGE

	Capacity
Building berth	70 t
Nelson Pier (x 2)	36 t
Alfred Graving Dock	10 t
Mobile crane	200 t (access is available for mobile cranes up to 800 t)
Transporters (x 2)	400 t (combined operation capability)

WAREHOUSING FACILITY

	Length	Width	Height	Height under hook
D1 materiel store	110 m	35 m	8.5 m	6.5 m
Old machine shop	55 m	41 m	10.6 m	7 m
Kitting building	40 m	30 m	8 m	
Hobsons Bay store	96 m	26 m	8 m	7 m





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