

# Australian Marine Complex Common User Facility - Description



- 1 AMC1 Loadout / Maintenance Berth** Fully serviced berth for vessels up to 200m long, 3.6m above CD – including 60Hz power supply. Berth pocket dredged to 11m. Max total deck loading of 7,900t over 1,000m<sup>2</sup> of which 3,000t equally distributed over 2 skid zones each 1.5m x 6m.
- 2 AMC2 Maintenance Berth** 60m long for vessel maintenance capable of operating 100t mobile cranes. Fully serviced, including 60Hz power supply.
- 3 AMC3 Maintenance Berth** 132m long for vessel maintenance capable of operating 100t mobile cranes. Fully serviced, including 60Hz power supply.
- 4 AMC4 Heavy Lift / Maintenance Berth** Fully serviced berth for vessels up to 300m long, 4.5m above CD – including 60Hz power supply. Berth pocket dredged to 12.7m. Max total deck loading of 15,000t over 1,500m<sup>2</sup> of which 7,500t equally distributed over 2 skid zones each 2m x 8m.
- 5 AMC5 RoRo and Heavy Lift Berth** Designed specifically for RoRo vessels to land a stern or stern quartering ramp onto a land-backed wharf 4.5m above CD. The berth is also suitable for Heavy Lift Ships and standard offshore barges typically 91m x 27m. Dredged to 8.0m.
- 6 Floating Dock Lay-up Berth** Moored location for Floating Dock when vessel maintenance is undertaken on the dock.
- 7 Floating Dock Transfer Wharf** Transfer location for vessels transported from Floating Dock to laydown area on SPMTs. Load rating 120kPa.
- 8 Protected Harbour** 10m water depth overall with deep sink pockets for the loadout of/on AMC1 & 4 and the Floating Dock.
- 9 Bldg 1 Fabrication Hall 1, Portal Crane and Serviced Hardstand** Under cover area is 5,250m<sup>2</sup> x 42m high. The hall is mounted on a bogie / rail system allowing 80m east / west movement. A portal crane with 200t capacity (1x150t + 1x50t) traverses the covered area and 80m into the serviced area. Attached to the roof structure are 2 x 20t overhead travelling cranes. The building includes 210m<sup>2</sup> of office space.
- 10 Bldg 2 Project Offices** Office area of approx. 400m<sup>2</sup>, a mess/presentation area for 60 people and a kitchen.
- 11 Bldg 2 Amenities Building** The building provides male and female toilets, showers and locker rooms. Available for up to 250 people per shift.
- 12 Car Park 1** 550 bays with additional overflow capability.
- 13 Bldg 3 Project Offices** 850m<sup>2</sup> of single and open plan offices with capacity for approximately 70 people. The space has a central reception area and can be operated as two independent project offices.
- 14 Bldg 58 Project Office** Self contained office area of approx. 180m<sup>2</sup> for approx 14 people.



- 15 Bldg 4 Fabrication & Workshop** 1,000m<sup>2</sup> fabrication bay and a 200m<sup>2</sup> workshop, staff office, pantry and toilet facilities and a 10t overhead crane.
- 16 Bldg 5 Workshop** General engineering and light fabrication use. Floor area of 230m<sup>2</sup>.
- 17 Bldg 6 Project Office** Small office for 3 to 4 people with kitchen and toilet facility.
- 18 Bldg 7 Facility Managers Office** The office houses the AMC CUF Facility Manager's main reception and administration staff. Parking for 40 cars.
- 19 Bldg 8 Main Gate Security** Security check and Pass Office.
- 20 Bldg 9 Fabrication Hall 2** 3,700m<sup>2</sup> fabrication area, 1,200m<sup>2</sup> workshop and amenities and 2 x 20t travelling cranes. The building can be split for two separate tenancies.
- 21 Bldg 10 Warehouse** 1,300m<sup>2</sup> floor area of clear open space with an office and toilet.
- 22 Facility Operations & Maintenance Office** The office houses the AMC CUF Facility Manager's Operations and Maintenance Department.
- 23 Bldg 11 Floating Dock Office and SPMT Garage** The office houses the AMC CUF Facility Manager's Floating Dock and SPMT Department. The 1,200m<sup>2</sup> garage accommodates the AMC CUF SPMTs.
- 24 300 Tonne Crane** Located on AMC4, this crane has a 300t lift capacity at 25m radius and 125t at 32m with an auxiliary 50t hook reaching to 34m.
- 25 Floating Dock** Clear internal area of 99m x 44m and a lift capacity of 12,000t. The dock has maximum draught over the pontoon deck of 11.2m. Vessels may be transferred onto land using the SPMTs or maintained in-situ on the dock.
- 26 Set up Area for Self Propelled Modular Transporters (SPMT's)** 129 axle lines, capable of lifting 36t per line. Combined, these Scheuerle transporters are capable of moving structures or vessels up to 4,600t.
- 27 Multi User Laydown Areas** Over 30ha of laydown area is available in the CUF and CUF North sites. Approximately 3ha of serviced laydown area is available south of the AMC4 wharf.
- 28 Vessel Laydown Area** 14,000m<sup>2</sup> of laydown area for vessel maintenance.
- 29 Single User Laydown Area** Approximately 9ha of laydown area with direct internal access to the AMC CUF wharves.
- ADJACENT PRIVATELY OPERATED FACILITIES**
- 30 ASC Submarine Maintenance Facility** The facility links directly to the Floating Dock Transfer Wharf.
- 31 CIMMEC Fabrication Facility** 29,000m<sup>2</sup> Fabrication Facility on a 7ha site with direct internal access to the AMC CUF.

## FUTURE DEVELOPMENT AMC CUF NORTHERN HARBOUR

The 8 Hectare site in the AMC Northern Harbour is currently being re-developed by LandCorp.



Government of Western Australia  
Department of Commerce



### COMMON USER FACILITY ENQUIRIES

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