

## The Australian Marine Complex (AMC)

The AMC comprises of the:

- Common user facility
- Shipbuilding precinct
- Support industry precinct
- Fabrication precinct, including the recently developed Subsea Cluster
- Technology precinct

The Western Australian Government owned CUF is a large, 40ha, integrated facility, with an open access policy for multiple users. It has been operating since 2003 and is part of the Fabrication Precinct at the AMC. It is a safe and secure location for fabrication, assembly, commissioning, maintenance and repair activities, as well as excellent off loading and load-out facilities. The CUF includes:

- 80 x 60m fabrication hall featuring a 200t lift portal crane with 32m clearance below the hook
- Floating Dock 12,000t capacity
- 40ha laydown assembly area
- Amenities
- SPMT's 4,600t capacity
- Project offices
- Workshops and warehouse facilities
- Two deep water heavy load-out wharves
- Provision for underground reticulated
- services including power, water, telecom and sewer
- 24 hour manned security with CCTV surveillance
- Links to the high wide load road corridors (9m x 9m x 50m)

Ongoing sustainment projects conducted at the AMC include ANZAC frigate, Collins submarine and HMAS Sirius sustainment; maintenance for ANZAC frigates; and upgrades to ANZAC frigates.

AMC-based oil and gas and resource projects include:

- Assembly and load-out of stackers and reclaimers and iron-ore ship loaders
- Fabrication and load-out of subsea spools
- Gorgon LNG wharf caissons
- Manufacture of cryogenic storage vessels
- Wheatstone product loading facility

Recent additions to the AMC include a technologically advanced floating dock, a \$35 million service and supply base and a 200 metre Ro-Ro and load-out wharf.

The floating dock is an integral part of the Australian Marine Complex's common-use infrastructure and has assisted many industry sectors to deliver major projects. Since commissioning in February 2010, the dock has lifted over 100 vessels for the defence, marine, oil and gas, and mining sectors.

Measuring 99 metres x 53 metres, the AMC floating dock can lift vessels up to 12,000 tonnes out of the water for service and maintenance and transfer vessels up to 4,000 tonnes onto a hard-stand. Vessels are lifted from the Floating Dock to the laydown area on SPMTs.

The dock services the Royal Australian Navy vessels including the Collins submarines and ANZAC frigates.

Read more on the AMC website: <http://www.australianmarinecomplex.com.au/>



*An aerial photograph of the Australian Marine Complex*