



LOCKHEED MARTIN 
We never forget who we're working for®

The Hobart Class Air Warfare Destroyer:
Welcome to the fleet



The Air Warfare Destroyer (AWD) Weapon System

In 2007 the Commonwealth of Australia selected Lockheed Martin's Aegis Weapon System for their SEA 4000 Air Warfare Destroyer Program (AWD). The HOBART Class AWDs will be the most capable and complex warships ever built in Australia and will introduce the Aegis combat system to the Royal Australian Navy (RAN).

The Aegis Weapon System is the most capable and advanced maritime weapon system in the world today. Aegis is a multi-warfare system that will support the Royal Australian

Navy's "Blue Water" fleet. Aegis combines the SPY-1D(V) radar, the Mk 41 Vertical Launch System, the SM-2 Standard Missile and an Open Architecture Combat System to maximize fleet defence.

Aegis will give the Royal Australian Navy improved mission capability in:

- Anti-Air Warfare (AAW)
- Anti-Submarine Warfare (ASW)
- Anti-Surface Warfare (ASuW)

Aegis and SPY-1D(V) will provide enhanced search, detect and engage capability against all air threats. Aegis and Open Architecture allow cooperative approaches to Combat System development and integration.

As part of the program, Lockheed Martin is training its Australian team in the advanced techniques necessary to conduct the integration installation and testing of the Aegis system. This approach represents a commitment by Lockheed Martin to upskill our Australian workforce enabling us to retain these valuable capabilities where the RAN needs them most, in Australia.

The first Hobart Class ship is expected to be delivered in 2014, built by ASC in Adelaide.

Detect, Control, Engage

ASuW

Characteristics:

- Length 146.7 metres
- Beam 18.6 metres
- Draft 5.14 metres
- Full Load Displacement 7,000 tonnes

Performance:

- Top Speed: 28+ knots
- Range: 5,000+ nautical miles at 18+ knots

Crew: Approx 220

Accommodation: 234

Combat System:

- Aegis Weapon System Baseline 7.1 AN/SPY-1D(V)
- AN/SPQ-9B Horizon Search Radar
- Mk 41 Vertical Launch System (48 VLS Cells)
- Mk 34 Gun Weapons System with Mk 45 Mod 4 Gun Mount
- CEC: AN/USG-7B
- NFCS: AN/SYQ-27
- Advanced HARPOON Weapon Control System: 2 quad launchers
- EW Suite Very Short Range Air and Surface Defence
- NULKA Active Missile Decoy system
- Integrated Sonar System incorporating a Hull Mounted and towed array sonar
- Communications Suite

Aviation: Hangars: 1

Boats: Two Rigid Hulled Inflatable Boats

AAW

ASW

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