

## HMAS Perth (III)



HMAS *Perth* (III) is the eighth and final Anzac class frigate to be built by Tenix Defence Systems at Williamstown, Victoria for the Royal Australian Navy. The design is based on the German Meko 200 frigate.

The first steel for *Perth* (III) was cut on 23 August 2000 and the keel was laid on 24 July 2003. The ship was launched by Ms Margaret Gee, daughter of *Perth* (I) survivor Allan Gee, on 20 March 2004 and was commissioned into the Royal Australian Navy on Saturday 26 August 2006.

*Perth* is a long-range frigate capable of air defence, surface and undersea warfare, surveillance, reconnaissance and interdiction. *Perth's* combat capabilities have been significantly improved under the Anti-Ship Missile Defence upgrade program, a world class program that provides an enhanced sensor and weapons systems capability. The upgrade showcases Australian design and integration capability, with new Phased Array Radar technology designed by CEA Technologies in Canberra, upgrades to combat systems performed by Saab Systems in South Australia, and platform integration design by BAE Systems in Victoria.



HMAS *Perth* sails through the oil rigs located in the North West Shelf off the coast of Western Australia.

*Perth* is fitted with an advanced package of air and surface surveillance radars; omni-directional hull mounted sonar and electronic support systems that interface with the state-of-the-art 9LV453 Mk3E combat data system. The ship can counter simultaneous threats from aircraft, surface vessels and submarines.

The ship's main armament comprises one [Mark 45](#) capable of firing 20 rounds per minute, ship



<b>Status</b>	Anzac Midlife Capability Assurance Program (AMCAP) Upgrade
<b>Class</b>	Anzac Class
<b>Type</b>	<a href="#">Frigate, Helicopter (FFH)</a>
<b>Role</b>	Long-range frigate capable of air defence, surface and undersea warfare, surveillance, reconnaissance and interdiction.
<b>Pennant</b>	FFH 157
<b>International Callsign</b>	VKPT
<b>Motto</b>	Fight and Flourish
<b>Home Port</b>	<a href="#">Fleet Base West</a>
<b>Builder</b>	Tenix Defence Systems, Williamstown
<b>Laid Down</b>	24 July 2003
<b>Launched</b>	20 March 2004
<b>Commissioned</b>	26 August 2006
<b>Dimensions &amp; Displacement</b>	
<b>Displacement</b>	3600 tonnes
<b>Length</b>	118 metres
<b>Beam</b>	14.8 metres
<b>Draught</b>	4.5 metres
<b>Performance</b>	
<b>Speed</b>	27 knots
<b>Range</b>	6000 nautical miles
<b>Complement</b>	
<b>Crew</b>	177
<b>Propulsion</b>	
<b>Machinery</b>	<ul style="list-style-type: none"> <li>1 x General Electric LM2500 gas turbine engine</li> <li>2 x MTU 12V 1163 diesels driving two controllable pitch</li> </ul>

launched [Mark 46 torpedoes](#) and a Mark 41 vertical launch system for the [Evolved Sea Sparrow missile](#). *Perth* also has eight anti-ship/land attack canister launched harpoon missiles and a vertical launch system for the Evolved Sea Sparrow Missile. The ship's other defence systems include the [Nulka active missile decoy](#) system, offboard chaff and a torpedo countermeasures system.



*HMAS Perth prepare to take over patrol from HMAS Darwin in the Middle East Region as part of Operation MANITOU.*

HMAS *Perth*, like her sister frigates HMA Ships *Anzac*, *Arunta*, *Ballarat*, *Parramatta*, *Perth*, *Stuart*, *Toowoomba* and *Warramunga* features a "combined diesel or gas" (CODOG) propulsion plant which enables the ship to sustain sprint speeds of greater than 27 knots and allows an operational range in excess of 6000 nautical miles at 18 knots.



*HMAS Perth keeps an eye on proceedings as the ships boarding team board and inspect a vessel of interest off the coast of Africa during one of Perth's patrols for Operation MANITOU in the Middle East region.*

The ship can embark Navy's latest multi-role [Sikorsky/Lockheed Martin MH-60R Seahawk](#) helicopter which has enhanced anti-submarine, anti-surface warfare and Search and Rescue capabilities. Embarkation of a helicopter also provides the ship with the capability to deliver air-launched missiles and torpedoes.

***Perth* is currently undergoing the Anzac Mid-Life Capability Assurance Program**



*HMAS Perth battle honours.*

	propellers
<b>Armament</b>	
<b>Missiles</b>	<ul style="list-style-type: none"> <li>Mk 41 vertical launch system with Evolved Sea Sparrow missiles</li> <li>Harpoon anti-ship missiles</li> </ul>
<b>Guns</b>	<ul style="list-style-type: none"> <li>5 inch Mk45 Mod 2 automatic rapid fire gun</li> <li>4 x 50 calibre (12.7mm) machine guns</li> </ul>
<b>Torpedoes</b>	2 x Mk32 Mod 5 triple mounted torpedo tubes
<b>Physical Countermeasures</b>	<ul style="list-style-type: none"> <li>Loral Hycor SRBOC decoy launchers</li> <li>BAE Nulka decoy launchers</li> <li>SLQ-25C torpedo countermeasures</li> </ul>
<b>Electronic Countermeasures</b>	<ul style="list-style-type: none"> <li>JEDS 3701 electronic support measures</li> <li>Telefunken PST-1720 comms intercept</li> </ul>
<b>Radars</b>	<ul style="list-style-type: none"> <li>Raytheon SPS-49(V)8 ANZ</li> <li>CEAFAR active phased array</li> <li>Kelvin Hughes Sharp Eye</li> <li>CEAMOUNT illuminators</li> <li>Saab Systems Ceros 200</li> <li>Cossor AIMS Mk XII</li> </ul>
<b>Sonars</b>	<ul style="list-style-type: none"> <li>Thomson Sintra Spherion</li> <li>Thales UMS 5424 Petrel</li> </ul>
<b>Combat Data Systems</b>	Saab Systems 9LV453 Mk3E
<b>Electro-optic Systems</b>	<ul style="list-style-type: none"> <li>Saab Systems Ceros 200</li> <li>Vampir NG infra-red search and track system</li> </ul>
<b>Helicopters</b>	1 x MH-60R Seahawk
<b>Awards</b>	
<b>Inherited Battle Honours</b>	<ul style="list-style-type: none"> <li><a href="#">ATLANTIC 1939-43</a></li> <li><a href="#">MEDITERRANEAN 1940-43</a></li> <li><a href="#">CRETE 1941</a></li> <li><a href="#">GREECE 1941</a></li> <li><a href="#">MATAPAN 1941</a></li> <li><a href="#">MALTA CONVOYS 1941-42</a></li> <li><a href="#">PACIFIC 1941-45</a></li> <li><a href="#">SUNDA STRAIT 1942</a></li> <li><a href="#">VIETNAM 1965-72</a></li> </ul>
<b>Resources</b>	
<b>Datasheet</b>	<a href="#">HMAS Perth (III)</a>
<b>News Articles</b>	<a href="#">Navy Daily</a>
<b>Image Gallery</b>	<a href="#">HMAS Perth (III)</a>

**(AMCAP) upgrade at the Australian**

**Marine Complex in Henderson, Western Australia. The upgrade is being performed by the Warship Asset Management Agreement (WAMA) Alliance and will include the replacement of the Long Range Air search radar, IFF (Identification, Friend or Foe) and secondary surveillance radar capabilities. Perth will also undergo a platform systems obsolescence program to improve platform reliability and maintainability. Work will also be done to improve the ship's habitability for the crew. Also, an upgrade to the ship's communications systems will resolve a number of obsolescence issues.**

The name Perth carries with it the proud histories of two former RAN warships. [HMAS Perth \(I\)](#) was a modified Leander class cruiser that served with distinction during World War II and was lost during the Battle of Sunda Strait. [HMAS Perth \(II\)](#) was a modified Perth class guided missile destroyer that served during the Vietnam War and was awarded a US Navy Unit Commendation and a Meritorious Unit Commendation for her service during the conflict.



*HMAS Perth sails through a misty sunset typical of the Middle East region in summer.*