

## HMAS Anzac (III)



HMAS *Anzac* (III) is the lead ship of eight Anzac class frigates built by Tenix Defence Systems at Williamstown, Victoria for the Royal Australian Navy. The design is based on the German Meko 200 frigate.

*Anzac* is a long-range frigate capable of air defence, surface and undersea warfare, surveillance, reconnaissance and interdiction. *Anzac'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.

*Anzac* 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 launched [Mark 46 torpedoes](#) and a Mark 41 vertical launch system for the [Evolved Sea Sparrow missile](#). *Anzac* also has eight anti-ship/land attach 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 *Anzac*, like her sister frigates HMA Ships *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.

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.

*Anzac* is the third Royal Australian Navy ship to carry the name of an Australian legend. Named after the Australian and New Zealand Army Corps during the First World War, the ANZACs landed on the Gallipoli Peninsula as part of a larger Allied Force on 25 April 1915, meeting fierce resistance from the Turkish defenders. The campaign dragged on for a further eight months of hellish trench warfare, giving berth to a legend of endurance, selflessness, dedication to duty and mateship in the most demanding of environments. It is a shared memory of common sacrifice for the nations involved, regardless of nationality or religion, providing an enduring example for the men and women of the Australian Defence Force and Australian's as a whole. Anzac Day is



<b>Status</b>	Anzac Midlife Capability Assurance Program (AMCAP) Upgrade
<b>Class</b>	Anzac
<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 150
<b>International Callsign</b>	VKNG
<b>Motto</b>	United We Stand
<b>Home Port</b>	<a href="#">Fleet Base East</a>
<b>Laid Down</b>	5 November 1993
<b>Launched</b>	16 September 1994
<b>Commissioned</b>	18 May 1996
<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 propellers</li> </ul>
<b>Armament</b>	

annually commemorated in Australia on 25 April. As such, *Anzac* (III) proudly bears her name underpinned by the motto, *United We Stand*.

In maintaining a close link with the rich traditions of the Anzac spirit, during the NORTHERN TRIDENT 2005 deployment, *Anzac* visited Anzac Cove, Gallipoli for the 90th Anniversary of the landings. In company with warships of Britain, France and Turkey, *Anzac* provided a stunning backdrop to the official dawn service ceremony whilst some members of her crew participated in the services ashore. During NORTHERN TRIDENT 2005, *Anzac* celebrated the 200th Anniversary of the Battle of Trafalgar in the UK as part of the International Fleet Review.

*Anzac* has been granted freedom of entry to the City of Albany, Western Australia, the departure port for the ANZACs of old and also has a close association with the City of Rockingham. The Warnbro High School, near her homeport, has established the 'HMAS *Anzac* Learning Centre' that promotes the education of our Navy and the history of Australia's most costly war.

Other notable events *Anzac* participated in have included deployments to the Arabian Gulf, culminating in Naval Gunfire Support of British Royal Marines landings on Al Faw Peninsula, Iraq in 2003. *Anzac* has also successfully contributed to Fisheries Protection, Border Protection and Maritime Rescue Operations through her years of service.

In 2015 *Anzac* participated in NORTHERN TRIDENT 2015, where she took part in the commemorative events for the 100th Anniversary of the ANZAC landings at Anzac Cove, Gallipoli.

**HMAS *Anzac* is currently undergoing the Anzac Mid-Life Capability Assurance Program (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. *Anzac* 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.**

<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 Radar</li> <li>Kelvin Hughes Sharp Eye Navigation Radar</li> <li>CEAMOUNT Illuminators</li> <li>Saab Systems Ceros 200 Fire Control Director</li> <li>Cossor AIMS Mk XII IFF</li> </ul>
<b>Sonars</b>	<ul style="list-style-type: none"> <li>Thomson Sintra Spherion Sonar</li> <li>Thales UMS 5424 Petrel Mine and Obstacle Avoidance Sonar</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="#">KOREA 1950-53</a></li> <li><a href="#">MALAYA 1955-60</a></li> </ul>
<b>Battle Honours</b>	<ul style="list-style-type: none"> <li><a href="#">EAST TIMOR 1999-2000</a></li> <li><a href="#">PERSIAN GULF 2001-03</a></li> <li><a href="#">IRAQ 2003</a></li> <li><a href="#">MIDDLE EAST 2003-2014</a></li> </ul>
<b>Resources</b>	
<b>Datasheet</b>	<a href="#">HMAS <i>Anzac</i> (III)</a>
<b>News Articles</b>	<a href="#">Navy Daily</a>
<b>Image Gallery</b>	<a href="#">HMAS <i>Anzac</i> (III)</a>

