

# HMAS *Hobart* (III)



HMAS *Hobart* (III) was the first of three ships of the Hobart Class guided missile destroyers. Ships of the same class are HMAS *Brisbane* (III) and HMAS *Sydney* (V). The keel of *Hobart* was laid down on 6 September 2012 and the ship was launched on 23 May 2015. HMAS *Hobart* (III) commissioned on 23 September 2017 at Fleet Base East, Sydney.



*Hobart* is based on the Navantia designed F100 frigate and is coupled it with the Aegis Combat System. *Hobart* was constructed in Australia by the Air Warfare Destroyer Alliance.

*Hobart* provides air defence for accompanying ships in addition to land forces and infrastructure in coastal areas, and for self-protection against missiles and aircraft. The Aegis Combat System incorporating the state-of-the-art phased array radar, AN/SPY 1D(V), in combination with the SM-2 missile, provides Navy with an advanced air defence system capable of engaging enemy aircraft and missiles at ranges in excess of 150km.



*Air Warfare Destroyer HMAS Hobart successfully fires a Harpoon Blast Test Vehicle in the East Australian Exercise Area.*

*Hobart* carries a helicopter for surveillance and response to support key warfare areas. The surface warfare function includes long range anti-ship missiles and a naval gun capable of firing extended range munitions in support of land forces. The ship was the recipient of the 2022 Otranto Shield for the fleet unit

<b>Class</b>	Hobart Class
<b>Type</b>	Destroyer, Guided Missile (DDG)
<b>Role</b>	<ul style="list-style-type: none"> <li>▪ Air Defence</li> <li>▪ Surface Warfare</li> <li>▪ Surveillance</li> <li>▪ Undersea Warfare</li> </ul>
<b>Pennant</b>	D39
<b>International Callsign</b>	VKLB
<b>Motto</b>	Grow with Strength
<b>Home Port</b>	Fleet Base East
<b>Builder</b>	Air Warfare Destroyer Alliance
<b>Laid Down</b>	6 September 2012
<b>Launched</b>	23 May 2015
<b>Launched by</b>	Mrs Nicola Hodgman
<b>Commissioned</b>	23 September 2017
<b>Dimensions &amp; Displacement</b>	
<b>Displacement</b>	7000 tonnes
<b>Length</b>	146.7 metres
<b>Beam</b>	18.6 metres
<b>Draught</b>	7.2 metres
<b>Performance</b>	
<b>Speed</b>	28+ knots (top speed)
<b>Range</b>	4500 nautical miles (18 knots)
<b>Complement</b>	
<b>Crew</b>	Approx 180

that achieves the highest standard in electronic warfare.

*Hobart* conducts undersea warfare and is equipped with modern sonar systems, decoys, surface-launched torpedoes and an array of effective close-in defensive weapons.



*HMAS Hobart in Sydney Harbour prior to departing for Mariner Skills Evaluation.*

These capabilities ensure that the Hobart class guided missile destroyers have the layered defensive and offensive capability required to counter conventional and asymmetric threats.



*HMAS Hobart sails into Sydney Harbour on completion of the Mariner Skills Evaluation period.*

<b>Propulsion</b>	
<b>Machinery</b>	<ul style="list-style-type: none"> <li>2 x General Electric Marine model 7LM2500-SA-MLG38 gas turbines, 17,500 kilowatts (23,500 hp) each</li> <li>2 x Caterpillar Bravo 16 V Bravo diesel engines, 5,650 kilowatts (7,580 hp) each</li> </ul>
<b>Armament</b>	
<b>Missiles</b>	<ul style="list-style-type: none"> <li>Mk 41 Vertical Launch System (48 VLS Cells)</li> <li>RIM-66 Standard 2 missile</li> <li>RIM-162 Evolved Sea Sparrow missile</li> <li>Advanced Harpoon via 2 x quad launchers</li> </ul>
<b>Torpedos</b>	MU90 torpedo
<b>Guns</b>	Mk 45 5-inch 62 Calibre Gun
<b>Other Armament</b>	<ul style="list-style-type: none"> <li>2 x 25mm M242 Bushmaster on Typhoon mounts</li> <li>1 x Phalanx CIWS</li> </ul>
<b>Physical Countermeasures</b>	NULKA Active Missile Decoy system
<b>Radars</b>	<ul style="list-style-type: none"> <li>AN/SPY-1D (V) Phased Array Radar</li> <li>Horizon Search Radar</li> </ul>
<b>Sonars</b>	Integrated Sonar System incorporating a Hull Mounted and towed array sonar
<b>Combat Data Systems</b>	Aegis (Baseline 7.1)
<b>Inherited</b>	<ul style="list-style-type: none"> <li>MEDITERRANEAN 1940-43</li> <li>EAST INDIES 1940-44</li> <li>INDIAN OCEAN 1941-45</li> <li>PACIFIC 1941-45</li> <li>CORAL SEA 1942</li> <li>GUADALCANAL 1942</li> <li>SAVO ISLAND 1942</li> <li>BORNEO 1945</li> <li>VIETNAM 1965-72</li> </ul>



*A Learjet 35 aircraft conducts a low flypast ahead of HMAS Hobart.*



*A wharf-level view of HMAS Hobart.*