HMAS Toowoomba (II)

HMAS Toowoomba is the seventh 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.

Toowoomba is a long-range frigate capable of air defence, surface and undersea warfare, surveillance, reconnaissance and interdiction. Toowoomba’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.

Toowoomba 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. Toowoomba also has eight anti-ship/land attach canister launched harpoon missiles and a vertical launch system for the Evolved Sea Sparrow Missile. The ships other defence systems include the Nulka active missile decoy system, offboard chaff and a torpedo countermeasures system.

HMAS Toowoomba, like her sister frigates HMA Ships Anzac, Arunta, Ballarat, Parramatta, Perth, Stuart 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 6,000 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.

HMAS Toowoomba is the second RAN ship to bear the name of Queensland’s inland city. HMAS Toowoomba (I) was one of 60 Bathurst Class Minesweeping Corvettes built in Australia during the Second World War as part of the Commonwealth Government’s wartime shipbuilding program.
propellers

**Armament**

**Missiles**
- Mk 41 vertical launch system with Evolved Sea Sparrow missiles
- Harpoon anti-ship missiles

**Guns**
- 5 inch Mk45 Mod 2 automatic rapid fire gun
- 4 x 50 calibre (12.7mm) machine guns

**Torpedoes**
- 2 x Mk32 Mod 5 triple mounted torpedo tubes

**Physical Countermeasures**
- Loral Hycor SRBOC decoy launchers
- BAE Nulka decoy launchers
- SLQ-25C torpedo countermeasures

**Electronic Countermeasures**
- JEDS 3701 electronic support measures
- Telefunken PST-1720 comms intercept

**Radars**
- Raytheon SPS-49(V)8 ANZ
- CEAFAR active phased array
- Kelvin Hughes Sharp Eye
- CEAMOUNT illuminators
- Saab Systems Ceros 200
- Cossor AIMS Mk XII

**Sonars**
- Thomson Sintra Spherion
- Thales UMS 5424 Petrel

**Combat Data Systems**
- Saab Systems 9LV453 Mk3E

**Electro-optic Systems**
- Saab Systems Ceros 200
- Vampir NG infra-red search and track system

**Helicopters**
- 1 x MH-60R Seahawk

**Awards**
- INDIAN OCEAN 1941-45
- PACIFIC 1941-45
- MIDDLE EAST 2003-2014

**Resources**

**Datasheet**
- HMAS Toowoomba (II)

**News Articles**
- Navy Daily

**Image Gallery**
- HMAS Toowoomba (II)