

HMAS *Parramatta* (IV)



HMAS *Parramatta* (IV) is the fifth of eight Anzac class frigates built for the Royal Australian Navy by Tenix Marine Systems, Williamstown, Victoria.

Parramatta (IV) is a long-range frigate capable of air defence, surface and undersea warfare, surveillance, reconnaissance and interdiction. *Parramatta* is fitted with an advanced package of air and surface surveillance radars, omni-directional hull mounted sonar and electronic support systems which 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 five inch (127mm) gun capable of firing up to 20 rounds per minute, Harpoon and Evolved Sea Sparrow Missile launchers and ship launched torpedoes. Other ship's defence systems include the Nulka active missile decoy system, off-board chaff and a torpedo countermeasures system.

A "combined diesel or gas" (CODOG) propulsion plant 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 a variety of aircraft including the new MH-60R Seahawk 'Romeo' naval combat helicopters. These aircraft have highly sophisticated combat systems designed to employ Hellfire air-to-surface missile and the Mark 54 anti-submarine torpedo.

Parramatta is the oldest ship name in the Australian Navy and is the fourth RAN ship to bear the name. *Parramatta* (I) was the first ship commissioned into the Commonwealth Naval Forces (later to be named the Royal Australian Navy) on 10 September 1910. *Parramatta* (II) served in World War II and was sunk by a German submarine in the Mediterranean on 27 November 1941 with the loss of 138 lives. *Parramatta* (III) was a River Class Destroyer Escort that served between 1961 and 1991.

Ship's Badge

The HMAS *Parramatta* badge design was derived from the Parramatta City Council Seal in 1939. The badge of *Parramatta* (I) (1916-1928) was a stark Kangaroo. The Aboriginal, with spear in hand, standing in shallow water was utilised with the addition of an impaled and entwined eel on the end of the spear. The addition of the eel was to link the badge design with the ship's name. The aboriginal translation of "Parramatta" means "the place where the eels lie down".

Badge Description

An Aboriginal poised on his right leg immersed in shallow water; right arm raised holding a spear and thereon impaled and entwined an eel.

Badge Motto and Origin



Commanding Officer	Commander Simon Howard
Class	Anzac Class
Type	Frigate Helicopter (FFH)
Role	Long-range frigate capable of air defence, surface and undersea warfare, surveillance, reconnaissance and interdiction.
Pennant	FFH 154
International Callsign	VKMN
Motto	Strike Deep
Home Port	Fleet Base East
Builder	Tenix Defence Systems
Laid Down	5 June 1999
Launched	17 June 2000
Launched by	Mrs Jill Langford Green, daughter of LEUT G W A Langford, XO HMAS <i>Parramatta</i> (II) 1941.
Commissioned	4 October 2003
Resources	
Datasheet	HMAS <i>Parramatta</i> (IV)
News Articles	Navy Daily
Facebook	HMAS <i>Parramatta</i> (IV)
Image Gallery	HMAS <i>Parramatta</i> (IV)
Dimensions & Displacement	
Displacement	3,600 tonnes
Length	118 metres
Beam	14.8 metres
Draught	4.5 metres
Performance	
Speed	27 knots

"STRIKE DEEP". The motto "Strike Deep" was suggested by one of the stand-by crew of *Parramatta (III)* in 1960. The motto was thought to be appropriate in linking the badge design and Parramatta's naval role. It was officially adopted 13 June 1961.

Badge Blazon

"Argent; An Australian Aboriginal Poised On The Dexter Foot Immersed In Water, Dexter Arm Raised Holding A Spear And Thereon Impaled An Eel All Proper".

Range	6,000 nautical miles
Complement	
Crew	177
Propulsion	
Machinery	<ul style="list-style-type: none"> • 1 x General Electric LM2500 gas turbine engine • 2 x MTU 12V 1163 diesel engines driving two controllable pitch propellers
Armament	
Missiles	<ul style="list-style-type: none"> • Mk41 vertical launch system with Evolved Sea Sparrow missiles • Harpoon anti-ship missiles
Guns	<ul style="list-style-type: none"> • 1 x 5 inch (127mm) Mk45 Mod 2 automatic fire gun • 4 x 50 calibre (12.7mm) machine guns
Torpedoes	2 x Mk32 Mod 5 triple mounted torpedo tubes
Physical Countermeasures	<ul style="list-style-type: none"> • Loral Hycor SRBOC decoy launchers • BAE Nulka decoy launchers • SLQ-25C torpedo countermeasures
Electronic Countermeasures	<ul style="list-style-type: none"> • JEDS 3701 electronic support measures • Telefunken PST-1720 comms intercept
Radars	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Thomson Sintra Spherion • Thales UMS 5424 Petrel
Combat Data Systems	Saab Systems 9LV453 Mk3E
Electro-optic Systems	<ul style="list-style-type: none"> • Saab Systems Ceros 200 • Vampir NG infra-red search and track system
Helicopters	1 x S-70B-2 Seahawk or 1 x MH-60R Seahawk
Awards	
Inherited Battle Honours	<ul style="list-style-type: none"> • RABAUL 1914 • ADRIATIC 1917–18 • LIBYA 1941 • MALAYSIA 1964–66

