**HMAS Waller**

Based at Fleet Base West in Western Australia, HMAS Waller is the third of the six Collins class submarines to enter service in the Royal Australian Navy. These submarines are a formidable element in Australia's defence capability.

Waller was launched in Adelaide, South Australia by Captain Waller's daughter-in-law, Mrs Diana Waller on 14 March 1997 and commissioned at Fleet Base West, Western Australia on 10 July 1999.

HMAS Waller's operational characteristics and range have been tailored specifically for its defence and two-ocean surveillance role in the Royal Australian Navy. Designed to be as quiet as advanced technology can achieve, Collins class submarines have been developed from five generations of submarines designed and built by the Swedish Navy.

One of the first submarines to be totally designed by computers, HMAS Waller boasts a vast range of features. They include a high-performance hull form, highly automated controls, low indiscretion rates, high shock resistance, optimal noise suppression and an efficient weapons handling and discharge system.

The submarine moves silently on electric power supplied to the propulsion motor by banks of new technology lead-free batteries. The batteries are charged by three onboard diesel generator sets.

### Status
- Full cycle docking

### Class
- Collins Class

### Type
- Guided Missile Submarine, Diesel-Electric (SSG)

### Pennant
- S75

### International Callsign
- VMLW

### Motto
- Tenacity

### Home Port
- Fleet Base West

### Builder
- Australian Submarine Corp, Adelaide

### Laid Down
- 19 March 1992

### Launched
- 14 March 1997

### Launched by
- Mrs Diana Waller (CAPT Waller's daughter-in-law)

### Commissioned
- 10 July 1999

### Dimensions & Displacement

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Displacement</strong></td>
<td></td>
</tr>
<tr>
<td>surfaced</td>
<td>3100 tonnes</td>
</tr>
<tr>
<td>dived</td>
<td>3407 tonnes</td>
</tr>
<tr>
<td><strong>Length</strong></td>
<td>77.8 metres</td>
</tr>
<tr>
<td><strong>Beam</strong></td>
<td>7.8 metres</td>
</tr>
<tr>
<td><strong>Draught</strong></td>
<td>7 metres</td>
</tr>
</tbody>
</table>

### Performance

**Speed**
- top speed: 20 knots
- dived: 20 knots
- surfaced: 10 knots
- snorting: 10 knots

**Range**
- surfaced: 11,500 nautical miles
- dived: 400 nautical miles
- snorting: 9000 nautical miles

### Complement


Datasheet updated 04/01/2019
Crew
- sailors: 38
- officers: 10
- plus trainees

Propulsion
- 3 Hedemora/Garden Island Type V18B/14 diesels
- 3 Jeumont Schneider generators
- 1 MacTaggart Scott DM 43006 hydraulic motor for emergency propulsion

Armament

Missiles
McDonnell Douglas Sub Harpoon Block 1B (UGM-84C); active radar homing

Torpedoes
6 x 21 in (533 mm) fwd tubes. Gould Mk 48 Mod 4/6/7; dual purpose; wire-guided; active/passive homing

Mines
44 in lieu of torpedoes

Physical Countermeasures
Decoys: 2 SSE

Electronic Countermeasures
ESM: Condor CS-5600; intercept and warning

Radars
Navigation: Kelvin Hughes Type 1007; I-band

Sonars
- Thomson Sintra Scylla active/passive bow array and passive flank, intercept and ranging arrays
- Thales SHORTAS retractable, passive

Weapon Control Systems
AN-BYG 1. Link 11

Resources
Datasheet
News Articles
Image Gallery

HMFS Waller is named after Captain Hector 'Hec' Waller, DSO and Bar, RAN who distinguished himself in action during World War II. Waller was Captain of the cruiser HMAS Perth (I) that was part of a combined Allied force when it was intercepted by the Japanese. All except Perth (I) and USS Houston were sunk. Later, the two ships were intercepted by a Japanese invasion fleet escort by two cruisers and 12 destroyers. Enormous damage was inflicted on the Japanese fleet. Waller ordered Perth (I) be abandoned as the Japanese closed in. Perth (I) was sunk with her captain, but not before he had fired two torpedo tubes at the convoy. Houston was sunk shortly afterwards.
History of the Official Badge

The Blazon

Per chevron sable and azure; a chevron argent surmounted by three oak leaves, in base a Stuart rose all proper.

Motif Description

The field of black and blue signifies the night battles at sea during WWII in which Captain Waller's Flotilla was engaged. The Stuart rose represents Captain Waller's distinguished service in HMAS Stuart.

The Oak Leaves represent Captain Waller's Mention in Despatches three times during his service career.