

TASMAN CLASS CORVETTE

Navantia
Australia

Proven Design with Powerful Combat System
The Future Tier 2 Combatant for the RAN



- × High-level automation and survivability consistent with proposed crew.
- × The same Integrated Platform Management System (IPMS) in use in other RAN Navantia designs.
- × Excellent seakeeping characteristics (\leq SS6, helo operations SS4).
- × Adaptability to local conditions and designed to operate in high sea temperatures and extreme weather conditions.
- × Integration of the RAN's sovereign AusCMS by SAAB Australia and CEAFA2L radar by CEA.
- × Ship systems design approval and construction supervision according to a recognised IACS Classification Society (Lloyd's register).

Innovation where it matters
navantia.com.au

TASMAN CLASS CORVETTE



- ✘ Compliance with Australian regulations. Navantia will leverage its experience and lessons learnt during previous RAN programs.
- ✘ Proven design, with three reference vessels in operational service, with one entering service November 2023 and last in final stages of construction.
- ✘ High commonality (70+%) with other Navantia-designed ships across systems, equipment and design criteria.

Radar

- ✘ CEAFAAR 2L radar and SAAB AusCMS
- ✘ Commonality with ANZAC Class: low training and maintenance cost, and minimum change
- ✘ CEAFAAR 2L radar similar to ANZAC Class
- ✘ CIC located in level 01
- ✘ Secret secure room (approx. 2 x 3 m)

ASW Additional Capability

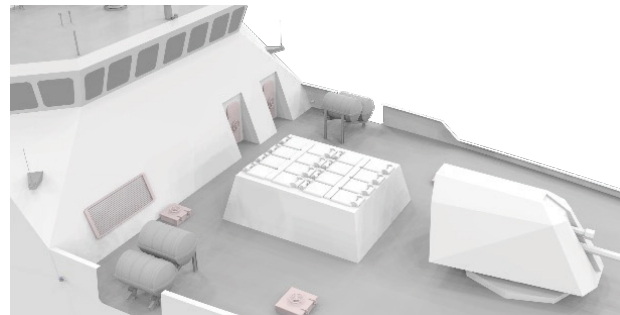
- ✘ Towed Array Sonar (CAPTAS 2)
- ✘ MH-60 R Seahawk maritime in its standard configuration
- ✘ Sonobuoy processing and receiving system
- ✘ Torpedoes magazine and separated Hellfire missile magazine for helicopter
- ✘ Hawklink
- ✘ Hull Mounted Sonar if required
- ✘ Superior manoeuvrability
- ✘ 7.2 m RHIBs with dedicated davit

Weapons

- ✘ 1 x Main gun (57mm BOFORS)
- ✘ 2 x Triple torpedo launchers
- ✘ 1 x 35mm CIWS (or Phalanx)
- ✘ 2 x 20mm RCWS
- ✘ 16 x MK-41 strike-length VLS cells
- ✘ Supports configurations of up to 8 Tomahawk and 32 ESSM, or 4 Tomahawk and 48 ESSM

Propulsion and Electrical Plant

- ✘ CODAD Propulsion Plant
- ✘ 4 x Main Diesel Engines
- ✘ 4 x Diesel Generators
- ✘ 2 x Reduction Gear Box
- ✘ 2 x CPPs (one per shaftline)
- ✘ 2 x Shaftlines
- ✘ Two propulsion engine rooms



Main Characteristics

Length	109.6m
Max beam	15.35m
Max speed	+27kn
Displacement	<3600t
Capacity	124p
Range	5000nm
Endurance	30d

