

Collins Class SSK

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General

Users: Australia

Roles & Mission: The Collins class submarine is one of the best diesel types in service today. Based on a Swedish design and fitted out with local and American equipment the Collins is tasked with conducting patrols of Australian territorial waters as well as carrying out expeditionary missions throughout the Pacific Ocean. The Collins-class design has undergone a long and troublesome development period, but has now reached maturity and has provided the Australian Navy with arguably the best submarines operating in the South Pacific.



Strengths: Given the excellent sensor suite and ranged weapons, the Collins is an excellent anti-shipping platform. It also has a strong antisubmarine capability and can challenge even the most modern submarines in service today. During last year's RIMPAC exercises, a Collins class boat successfully penetrated an American carrier group and simulated a torpedo run on the carrier itself.

Weaknesses: Like most diesel submarines, the Collins has a limited endurance, depth and speed. The weapons capacity also suffers as result of the limited displacement. Therefore, great care must be taken when managing this asset. These submarines should lurk in the path of their potential targets instead of giving chase in most circumstances.

Game Stats:

Maximum Speed: 20knts
 Displacement: 3051 Tons
 Damage Points: 56 DP
 Length: 77.8 Meters
 Crew: 42
 Max Depth: 300 Meters

Equipment: SS 73 Collins 1996 (DB2000 v6.2)

Radars:

Type and Quantity	Max Range	Abilities	Notes
Type 1007	45 nm	Surface Search, Range Information, Bearing Information	Primary surface search radar.

Electronic Warfare:

Type and Quantity	Max Range	Abilities	Notes
Argus AR740	280 nm	Surface Search, Air Search, Bearing Information	ESM Sensor

Sonars:

Type and Quantity	Max Range	Abilities	Notes
Karriwarra TASS	39 nm	Sub Search, Bearing Information	Towed Array
Scylla: 1980/Adv ELEDONE	39 nm	Sub Search, Range Information, Bearing Information	Active-Only Sonar + Passive Flank Array

Mounts:

Type and Quantity	ROF	Capacity	Weapon (Service Date)
(6) 533mm TT	5	1	Mk 48 Mod 4 Mk 45 Mod 5 ADCAP UGM-84D Harpoon IC
(2) Signal Ejectors	1	2	Esonification Bubbler White Noise Decoy

Versions (DB2000)

- **SS 73 Collins (1996):** As described.
- **SS 75 Waller: (1998):** Sensor Modifications:
 - TB-23/BQ towed array (99 nm, Sub Search, Bearing Information) replaces Karriwarra TASS.

Current Service

Australia-HMAS Sterling (South of Perth)

- SS 73 Collins (1996-present)
- SS 74 Farncomb (1998-present)
- SS 75 Waller (1999-present)
- SS 76 Dechaineux (2001-present)
- SS 77 Sheehan (2001-present)
- SS 78 Rankin (2002-present)

