

## DE 50 Swan [Type 12 River, Mod Type 12I Leander Class] - 1986

### Australia

Type: DE - Destroyer Escort

Max Speed: 28 kt

Commissioned: 1986

Length: 109.7 m

Beam: 12.5 m

Draft: 4.2 m

Crew: 250

Displacement: 2500 t

Displacement Full: 2960 t

Propulsion: 2x Babcock & Wilcox Boilers, 2x  
Steam Turbines



#### Sensors / EW:

- Mulloka - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 9.3 km
- LW.02 - Radar, Radar, Air Search, 2D Medium-Range, Max range: 185.2 km
- Type 184M - (Solid State) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search, Max range: 5.6 km
- Type 162M Cockshafer - (Solid State) Hull Sonar, Active-Only, Hull Sonar, Active-Only Bottom Profiler, Max range: 1.3 km
- M.22 - (Gun, WM.20-Series) Radar, Radar, FCR, Surface-to-Air, Short-Range, Max range: 59.3 km
- AN/SPS-55 - (Gun, WM.20-Series) Radar, Radar, Surface Search & Navigation, Max range: 64.8 km
- Newton Beta [ELT 318/521, ECM] - (Gun, WM.20-Series) ECM, OECM & DECM, Offensive & Defensive ECM, Max range: 0 km
- M.44 [Radar] - (Group, GWS.24 Sea Cat FCR, M40) Radar, Radar, FCR, Weapon Director, Max range: 29.6 km
- M.44 [TV Camera] - (Group, GWS.24 Sea Cat FCR, M40) Visual, Visual, Target Tracking and Identification TV Camera, Max range: 74.1 km
- Newton Beta [ELT 211, ESM] - (Group, GWS.24 Sea Cat FCR, M40) ESM, ELINT, Max range: 926 km

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#### Weapons / Loadouts:

- Sea Cat Mod 1 - Guided Weapon. Air Max: 7.4 km. Surface Max: 7.4 km.
- Generic GMTR [Guided Missile Training Round] - (Aka Drill Round) Training Round.
- 12.7mm/50 MG Burst [10 rnds] - (Facility/Ship, No Anti-Air Capability) Gun. Surface Max: 1.9 km. Land Max: 1.9 km.
- Mk46 LWT Mod 2 - (1972) Torpedo. Subsurface Max: 5.6 km.
- AN/SLQ-25 Nixie - Decoy (Towed). Surface Max: 1.9 km.
- 114mm/45 Mk6 Twin HE Burst [2 rnds] - Gun. Air Max: 2.8 km. Surface Max: 18.5 km. Land Max: 18.5 km.
- Ikara [Mk46 Mod 2] - Guided Weapon. Subsurface Max: 18.5 km.