

Challenger [A-11B Sjöormen Class] - 1999

Singapore

Type: SSK - Hunter-Killer Submarine

Max Depth: -180 m

Max Speed: 20 kt

Commissioned: 1999

Length: 50.5 m

Beam: 6.1 m

Draft: 5.8 m

Crew: 23

Displacement: 1125 t

Displacement Full: 1400 t

Propulsion: 1x ASEA Electric Motor



Sensors / EW:

- Scanter 009 - Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Generic ESM [Average] - (1980s) ESM, ELINT, Max range: 926 km
- CSU 83 - (DBQS-21) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 29.6 km
- PRS 3-15 - (Passive Ranging for CSU 83/93) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Ranging Flank Array Search & Track, Max range: 14.8 km
- IPS CSU 83 - (Assoc w CSU 83) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- MAS 83 - (Assoc w CSU 83) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mine & Obstacle Avoidance, Max range: 1.1 km
- Generic Submarine Periscope, LLTV - (1980s/1990s, Gen 2, 1.5x/4x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km
- Generic Submarine Periscope, Optical - (1990s, 1.5x/12x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km

Weapons / Loadouts:

- Tp 613 - (1985, Submarine, Anti-Ship) Torpedo. Surface Max: 9.3 km.
- Generic Acoustic Decoy - (1990s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- Tp 431 - (1988, Submarine) Torpedo. Subsurface Max: 7.4 km.