

SS 590 Oyashio - 1998 Project S130

Japan

Type: SSK - Hunter-Killer Submarine

Max Depth: -280 m

Max Speed: 20 kt

Commissioned: 1998

Length: 81.7 m

Beam: 8.9 m

Draft: 7.4 m

Crew: 70

Displacement: 2750 t

Displacement Full: 4000 t

Propulsion: 2x Toshiba Electric Motors



Sensors / EW:

- J/ZLR-7 - ESM, ELINT, Max range: 926 km

- J/ZQR-1 [AN/BQR-15A] - TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Thin Line Towed Array Sonar System, Max range: 129.6 km

- J/ZQQ-6 Bow - Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search & Track, Max range: 74.1 km

- J/ZPS-6 - Radar, Radar, Surface Search & Navigation, Max range: 111.1 km

- J/ZQQ-6 Flank Array - Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Ranging Flank Array Search & Track, Max range: 74.1 km

- Generic Acoustic Intercept - Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km

- Generic Submarine Periscope, Optical - (1990s, 1.5x/12x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km

- Generic Submarine Periscope, LLTV - (2000s/2010s, Gen 3, 1.5x/8x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km

Weapons / Loadouts:

- ZLQ-2B - (Acoustic Decoy) Decoy (Expendable). Subsurface Max: 1.9 km.

- UGM-84D Harpoon IC - (1986) Guided Weapon. Surface Max: 138.9 km.

- Type 89 [G-12] - (1991, 24nm, Dual-Use, Ex-G-RX2) Torpedo. Surface Max: 11.1 km. Subsurface Max: 11.1 km.