

SS 580 Barbel - 1978

United States

Type: SS - Attack/Fleet Submarine

Max Depth: -215 m

Max Speed: 25 kt

Commissioned: 1978

Length: 66.9 m

Beam: 8.8 m

Draft: 7.6 m

Crew: 85

Displacement: 2180 t

Displacement Full: 2679 t

Propulsion: 2x General Electric Motors



Sensors / EW:

- AN/BLQ-2B - TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 27.8 km
- AN/BQH-2D - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 3.7 km
- AN/BPS-12 - Radar, Radar, Surface Search, Short-Range, Max range: 74.1 km
- AN/WLR-1 - (Generic) ESM, ELINT, Max range: 926 km
- Generic Acoustic Intercept - (Generic) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- Generic Submarine Periscope, LLTV - (1970s, Gen 1, 1x/2x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 27.8 km
- Generic Submarine Periscope, Optical - (1970s, 1.5x/8x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km

Weapons / Loadouts:

- Mk48 Mod 3 - (1978) Torpedo. Surface Max: 11.1 km. Subsurface Max: 11.1 km.