

PLA-945 Sierra I [Barrakuda] - 1987

Soviet Union [-1991]

Type: SSN - Nuclear Powered Attack

Submarine

Max Depth: -450 m

Max Speed: 35 kt

Commissioned: 1987

Decommissioned: 1991

Length: 107.0 m

Beam: 11.5 m

Draft: 9.0 m

Crew: 91

Displacement: 7200 t

Displacement Full: 8100 t

Propulsion: 1x OK-650 Nuclear Reactor,

190MW

Sensors / EW:

- Rim Hat [Kremlin-2] - ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Shark Tail [MG-541 Skat-3] - TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 129.6 km
- Shark Gill [MGK-540 Skat-3] - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- Park Lamp - ESM, HF/DF, Max range: 926 km
- Snoop Pair [MRKP-58 Radian] - (Akula) Radar, Radar, Surface Search & Navigation, Max range: 46.3 km
- Mouse Roar [MG-519 Arfa-M] - (MGK-500 Suite) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mine & Obstacle Avoidance, Max range: 0.9 km
- Generic Acoustic Intercept - (MGK-500 Suite) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- Generic Submarine Periscope, Optical - (1980s, 1.5x/8x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km
- Generic Submarine Periscope, LLTV - (1980s/1990s, Gen 2, 1.5x/4x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km



Weapons / Loadouts:

- Generic Acoustic Decoy - (1980s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- SA-N-8 Gremlin [9M36] - (9K34 Strela-3) Guided Weapon. Air Max: 5.6 km.
- USET-80 - (1981) Torpedo. Surface Max: 9.3 km. Subsurface Max: 9.3 km.
- SS-N-21a Sampson [S-10 Granat, 200kT Nuclear] - Guided Weapon. Land Max: 2963.2 km.
- SS-N-15 Starfish [RPK-6 Vodopad, UMG-1 Torpedo] - (1982, 83R) Guided Weapon. Subsurface Max: 40.7 km.
- SS-N-15 Starfish [RPK-6 Vodopad, 5kT Nuclear] - (1982, 83R) Guided Weapon. Subsurface Max: 40.7 km.
- MG-74 - (Torpedo Decoy) Decoy (Expendable). Subsurface Max: 1.9 km.
- VA-111 Shkval [Nuclear, 10kT] - (1978? 1994?) Torpedo. Surface Max: 14.8 km. Subsurface Max: 14.8 km.

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- 65-76 Kit WH - (1977) Torpedo. Surface Max: 13 km.
- 65-73 Gyro [20kT Nuclear] - (1975-91) Torpedo. Surface Max: 13 km.
- SS-N-16 Stallion [RPK-7 Vodopei, UMG-1 Torpedo] - (1985, 84R) Guided Weapon. Subsurface Max: 100 km.
- SS-N-16 Stallion [RPK-7 Vodopei, 10kT Nuclear] - (1985, 84R) Guided Weapon. Subsurface Max: 100 km.