PLA-971 Akula I Improved [Shchuka-B] - 1989

Soviet Union [-1991]



Type: SSN - Nuclear Powered Attack Submarine

Max Depth: -450 m

Max Speed: 35 kt

Commissioned: 1989

Decommissioned: 1991

Length: 110.3 m

Beam: 13.6 m

Draft: 9.7 m

Crew: 73

Displacement: 8140 t

Displacement Full: 12770 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
- Snoop Pair [MRKP-59] - (Improved 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
- SOKS - (1960s) Wake Detector, Wake Detector, Max range: 1.9 km

---

Weapons / Loadouts:

- MG-114 Berilly - (Torpedo Decoy) Decoy (Expendable). Subsurface Max: 1.9 km.
- 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.
- SS-N-21a Sampson [S-10 Granat, 200kT Nuclear] - Guided Weapon. Land Max: 2963.2 km.
- SS-N-15 Starfish [RPK-6 Vodopad, UMGT-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.
- USET-80 - (1981) Torpedo. Surface Max: 9.3 km. Subsurface Max: 9.3 km.

PLA-971 Akula I Improved [Shchuka-B] - 1989

- VA-111 Shkval [Nuclear, 10kT] - (1978? 1994?) Torpedo. Surface Max: 14.8 km. Subsurface Max: 14.8 km.
- 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 Veter, 10kT Nuclear] - (1985, 86R) Guided Weapon. Subsurface Max: 100 km.
- SS-N-16 Stallion ["RPK-7 Veter, UMGT-1 Torpedo] - (1985, 83R) Guided Weapon. Subsurface Max: 100 km.