

PL-613V Whiskey V - 1973

Soviet Union [-1991]

Type: SS - Attack/Fleet Submarine

Max Depth: -170 m

Max Speed: 18 kt

Commissioned: 1973

Decommissioned: 1991

Length: 76.0 m

Beam: 6.3 m

Draft: 4.6 m

Crew: 52

Displacement: 1048 t

Displacement Full: 1345 t

Propulsion: Diesels



Sensors / EW:

- Stop Light A [Nakat] - (Golf Ball) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Snoop Plate [Flag] - (Golf Ball) Radar, Radar, Surface Search, Short-Range, Max range: 46.3 km
- Stag Hoof [Tamir-11/11M] - (Submarine, MG-11) Hull Sonar, Active-Only, Hull Sonar, Active-Only Attack, Max range: 3.7 km
- Park Lamp - (Submarine, MG-11) ESM, HF/DF, Max range: 926 km
- Trout Cheek [MG-10 Feniks] - (Whiskey) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search, Max range: 3.7 km
- Generic Submarine Periscope, Optical - (1970s, 1.5x/8x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km
- Generic Submarine Periscope, LLTV - (1970s, Gen 1, 1x/2x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 27.8 km

Weapons / Loadouts:

- 53-65K WH - (1972, Submarine, Widely Used) Torpedo. Surface Max: 7.4 km.
- 53-65N Gyro [NATO 53-68N, 20kT Nuclear] - (1971, Submarine) Torpedo. Surface Max: 7.4 km.
- SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Submarine) Torpedo. Subsurface Max: 7.4 km.

OVERVIEW: The WHISKEY class SS (Project 613V) is a diesel powered attack submarine.

DETAILS: The WHISKEY SS were a shorter-range equivalent of the ZULU class, and designated as a coastal patrol submarine. The WHISKEY was still considered to be a very loud submarine, due in part to the limber holes along the hull.

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Specifications:

Displacement: 1,350 tons submerged.

Speed: approximately 17 knots surfaced, 13.5 knots submerged

Machinery: 2 2000bhp diesel

Endurance: 40-45 days; 8,880/10 knts (surface) 6,000 nm/5 knts on snorkel; 335/2 knts (submerged)

Operational Depth: 200 m

Maximum Depth:

Complement: 54

Hulls built: 215 + 21 Chinese-built

Period of Service: 1950-1983

NOTES: Design was influenced by the German Type XXI U-boat of WWII. Early versions were originally equipped with deck guns, but all were removed in the 1950's. Likely originally intended to protect the sea approaches to the USSR rather than as oceanic commercer-raiders.

SOURCES: Conway's All the World's Fighting Ships, 1947-1982. Part II: The Warsaw Pact and Non-Aligned Nations. London: Conway Maritime Press, 1983, pg 492 ;
http://www.russianwarrior.com/STMMain.htm?1947vehicle_Whiskeyhist.htm&1 ; Moore, John Evelyn. Jane's Fighting Ships 1987-88. London: Jane's Pub, 1987, pg. 564.