

PLRB-629A Golf II - 1973

Soviet Union [-1991]

Type: SSB - Ballistic Missile Submarine

Max Depth: -300 m

Max Speed: 15 kt

Commissioned: 1973

Decommissioned: 1988

Length: 98.4 m

Beam: 8.2 m

Draft: 7.9 m

Crew: 80

Displacement: 2794 t

Displacement Full: 3553 t

Propulsion: Diesels



Sensors / EW:

- Quad Loop DF - ESM, HF/DF, Max range: 926 km
- Stop Light B [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
- Pike Jaw [MG-200 Arktika] - (Attack Sonar) Hull Sonar, Active-Only, Hull Sonar, Active-Only Attack, Max range: 3.7 km
- Acoustic Intercept [MG-23 Svet-M] - (Romeo, Foxtrot, MG-200 Arktika Suite) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 27.8 km
- Generic Submarine Periscope, Optical - (1960s, 1x/6x Zoom) Visual, Visual, Surveillance Periscope, Max range: 27.8 km

Weapons / Loadouts:

- SS-N-5 Sark [800kT Nuclear] - (1964-1988) Guided Weapon. Land Max: 1389 km.
- Generic Acoustic Decoy - (1970s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- 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 GOLF II (Project 629A) and V class is a diesel-powered ballistic missile submarine.

DETAILS: The GOLF was the first submarine built to launch ballistic missiles. All but one unit of the GOLF II SSB are GOLF I SSB submarines converted in 1965 to operate the submerged launched SS-N-5 SLBM. One GOLF II submarine, the K-129 sank in 1968. Portions of this submarine were recovered by the GLOMAR EXPLORER.

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NOTES:

Displacement: 2,700 tons submerged.

Speed: approximately 12-14 knots submerged

Range: 9,000 nm @ 5 knots

Complement: 85 (approx.)

Hulls built: 14

Period of Service: 1958 (GOLF I); 1966-90 (GOLF II)

SOURCES: Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 92 ; Norman Polmar, "Submarines of the Russian and Soviet Navies, 1718-1990. (Annapolis, MD: Naval Institute Press, 1991), 289 ; Federation of American Scientists. "629A GOLF II - Russian and Soviet Nuclear Forces." Accessed November 30, 2013. <http://www.fas.org/nuke/guide/russia/slbm/629A.htm>.