

## PLARB-667A Yankee I [Navaga] - 1973

### Soviet Union [-1991]

Type: SSBN - Nuclear Powered Ballistic

Missile Submarine

Max Depth: -320 m

Max Speed: 27 kt

Commissioned: 1973

Decommissioned: 1991

Length: 128.0 m

Beam: 11.7 m

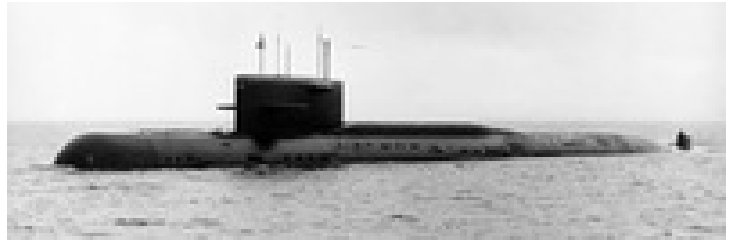
Draft: 7.9 m

Crew: 120

Displacement: 7770 t

Displacement Full: 10020 t

Propulsion: 1x Nuclear Reactor



#### Sensors / EW:

- Shark Teeth [MKG-100 Kerch] - (Assow w Shark Fin) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search, Max range: 7.4 km
- Park Lamp - (Assow w Shark Fin) ESM, HF/DF, Max range: 926 km
- Snoop Tray 1 [RLK-101 Albatross] - (Assow w Shark Fin) Radar, Radar, Surface Search, Short-Range, Max range: 37 km
- Brick Pulp [MRP-10] - (Mod Yankee, Delta I/II/III) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Shark Fin [MKG-100 Kerch] - (Assoc w Shark Teeth) Hull Sonar, Active-Only, Hull Sonar, Active-Only Search, Max range: 3.7 km
- Mine Avoidance [MG-14 Arfa-G] - (Charlie, Echo II, Tango, Assoc w Kerch Sonars) Hull Sonar, Active-Only, Hull Sonar, Active-Only Mine & Obstacle Avoidance, Max range: 0.9 km
- Generic Acoustic Intercept - (Charlie, Echo II, Tango, Assoc w Kerch Sonars) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 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

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#### Weapons / Loadouts:

- SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Submarine) Torpedo. Subsurface Max: 7.4 km.
  - Generic Acoustic Decoy - (1970s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
  - SS-N-6 Serb Mod 1 [1mT Nuclear, R-27 Serb] - (1969, 4K10) Guided Weapon. Land Max: 2592.8 km.
  - SET-40U [MGT-1, NATO SET-40-62] - (1970, Submarine) Torpedo. Subsurface Max: 3.7 km.
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## **PLARB-667A Yankee I [Navaga] - 1973**

**OVERVIEW:** The YANKEE I (Project 667 A) is a nuclear powered ballistic missile submarine.

**DETAILS:** The YANKEE SSBN was the first modern Soviet ballistic missile submarine. Quieter than the predecessor HOTEL class, the YANKEE used special propellers for quieter propulsion, as well as antihydroacoustic coating to the outer hull. The footings under the main and auxiliary propulsion systems were also isolated by a layer of rubber. One unit of the class was lost at sea in October 1986 after an explosion.

**NOTES:**

Displacement: 9,600 tons submerged.

Speed: approximately 27 knots submerged

Reactors: 1 pressurized water

Complement: 120 (approx.)

Hulls built: 34

Period of Service: 1967-1994

**SOURCES:** Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 88-89 ; Federation of American Scientists. "667A YANKEE I - Russian and Soviet Nuclear Forces." Accessed November 28, 2013. <http://www.fas.org/nuke/guide/russia/slbm/667A.htm>.