

PLARB-667B Delta I [Murena] - 1973

Soviet Union [-1991]

Type: SSBN - Nuclear Powered Ballistic

Missile Submarine

Max Depth: -320 m

Max Speed: 25 kt

Commissioned: 1973

Decommissioned: 1991

Length: 139.0 m

Beam: 12.0 m

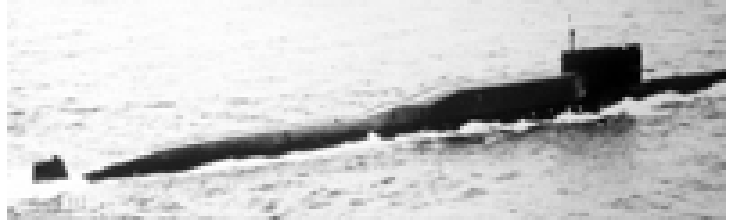
Draft: 8.8 m

Crew: 120

Displacement: 7800 t

Displacement Full: 10000 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
- Brick Pulp [MRP-10] - (Mod Yankee, Delta I/II/III) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- Snoop Tray 2 [MRK-50 Kaskad] - (Mod Yankee, Delta I/II/III) Radar, Radar, Surface Search, Short-Range, Max range: 37 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, LLTV - (1970s, Gen 1, 1x/2x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 27.8 km
- Generic Submarine Periscope, Optical - (1970s, 1.5x/8x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km

Weapons / Loadouts:

- SET-65M Enot-2 [NATO ET-80A[76]] - (1973, Submarine) Torpedo. Subsurface Max: 7.4 km.
- SS-N-8 Sawfly Mod 2 [800kT Nuclear] - Guided Weapon. Land Max: 9260 km.
- Generic Acoustic Decoy - (1970s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- SET-40U [MGT-1, NATO SET-40-62] - (1970, Submarine) Torpedo. Subsurface Max: 3.7 km.

OVERVIEW: The DELTA I (Project 667B) is a nuclear powered ballistic missile submarine.

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DETAILS: The DELTA I SSBN is an enlargement of the previous Yankee SSBN. When commissioned, the DELTA I was the largest undersea craft built. Unlike the earlier YANKEE class, the DELTA I was armed with the longer-ranged SS-N-8 SLBM. This allowed the Delta-class submarines to deploy in areas adjacent to the Soviet Union, avoiding the need to transit through NATO ASW barriers to reach patrol areas.

NOTES:

Displacement: 11,750 tons submerged.
Speed: approximately 25 knots submerged
Reactors: 2 pressurized water
Complement: 120 (approx.)
Hulls built: 18
Period of Service: 1972-1998

SOURCES: Norman Polmar, "Guide to the Soviet Navy, 3rd ed. (Annapolis, MD: Naval Institute Press, 1983), 86-87 ; Navy.mil Home Page. "Cold War Strategic ASW." Accessed November 23, 2013.
http://www.navy.mil/navydata/cno/n87/usw/issue_27/asw2.html ; Federation of American Scientists. "667B DELTA I - Russian and Soviet Nuclear Forces." Accessed November 30, 2013.
<http://www.fas.org/nuke/guide/russia/slbm/667B.htm>.