SSBN 616 Lafayette - 1978 Poseidon C3

United States



Type: SSBN - Nuclear Powered Ballistic Missile Submarine
Max Depth: -300 m
Max Speed: 21 kt
Commissioned: 1978
Length: 129.6 m
Beam: 10.0 m
Draft: 9.6 m
Crew: 143
Displacement: 7370 t
Displacement Full: 8380 t
Propulsion: 1x S5W Nuclear Reactor

Sensors / EW:
- AN/BPS-15A - Radar, Radar, Surface Search, Medium-Range, Max range: 166.7 km
- AN/BQR-7 - (Lafayette) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search, Max range: 14.8 km
- AN/BQR-21 - (1976, Lafayette, AN/BQR-2 Upgrade) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search & Track, Max range: 74.1 km
- AN/WLR-8(V)2 - (Los Angeles) ESM, ELINT, Max range: 926 km
- AN/BQR-19 - (Los Angeles) Hull Sonar, Active-Only, Hull Sonar, Active-Only Anti-Collision & Navigation, Max range: 0.7 km
- AN/BQR-15 - (1971, Lafayette) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 74.1 km
- AN/BQS-4 - (Tang, Guppy II) Hull Sonar, Active-Only, Hull Sonar, Active-Only Search, Max range: 7.4 km
- AN/WLR-9 - (AN/BLR-14, Sonar Warning Receiver) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept & Torpedo Warning, Max range: 27.8 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:
- UGM-73A Poseidon C3 (10x W76-0 Nuclear (100kT)) - (1972-1993) Guided Weapon. Land Max: 4630 km.
- Mk48 Mod 3 - (1978) Torpedo. Surface Max: 11.1 km. Subsurface Max: 11.1 km.
- ADC Mk2 Mod 0 Torpedo Decoy - (1979, 3-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk1 Mod 0 Torpedo Decoy - (1973, 5-inch) Decoy (Expendable). Subsurface Max: 1.9 km.