SSBN 734 Tennessee [Ohio Class] - 1989 Trident D5

United States



Type: SSBN - Nuclear Powered Ballistic Missile Submarine
Max Depth: -300 m
Max Speed: 25 kt
Commissioned: 1989
Length: 170.0 m
Beam: 13.0 m
Draft: 10.8 m
Crew: 155
Displacement: 16765 t
Displacement Full: 18750 t
Propulsion: 1x General Electric S8G Nuclear Reactor

Sensors / EW:
- AN/BPS-15A - Radar, Radar, Surface Search, Medium-Range, Max range: 166.7 km
- AN/WLR-8(V)5 - (Ohio class) ESM, ELINT, Max range: 926 km
- AN/BQQ-6 - (Ohio, Passive-Only) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Search & Track, Max range: 74.1 km
- AN/WLR-10 - (Assoc w AN/ALR-8) ESM, RWR, Radar Warning Receiver, Max range: 222.2 km
- AN/BQR-19 - (Assoc w AN/ALR-8) Hull Sonar, Active-Only, Hull Sonar, Active-Only Anti-Collision & Navigation, Max range: 0.7 km
- AN/BQR-15A - (Ohio, Thin-Line) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Thin Line Towed Array Sonar System, Max range: 129.6 km
- AN/WLR-17 - (Ohio, WLR-9 Mod) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept & Torpedo Warning, Max range: 27.8 km
- Generic Submarine Periscope, Optical - (1980s, 1.5x/8x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km
- Generic Submarine Periscope, LLTV - (1980s/1990s, Gen 2, 1.5x/4x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km

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Weapons / Loadouts:
- UGM-133 Trident II D5 (8x W76-0 Nuclear 100kT) - (1991) Guided Weapon. Land Max: 12038 km.
- UGM-133 Trident II D5 (8x W88 Nuclear [475kT]) - Guided Weapon. Land Max: 12038 km.
- Mk48 Mod 4 - (1982, 75% success rate) Torpedo. Surface Max: 11.1 km. Subsurface Max: 11.1 km.
- Mk57 MOSS - (1980) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk2 Mod 0 Torpedo Decoy - (1979, 3-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk3 Mod 0 Sonobuoy Countermeasure - (1992-2004, 6-inch) Decoy (Expendable). Subsurface Max: 1.9 km.
- ADC Mk2 Mod 1 Torpedo Decoy - (1991, 6-inch) Decoy (Expendable). Subsurface Max: 1.9 km.