

SSBN 734 Tennessee [Ohio Class] - 1996 Trident D5

United States

Type: SSBN - Nuclear Powered Ballistic

Missile Submarine

Max Depth: -300 m

Max Speed: 25 kt

Commissioned: 1996

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/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-8(V)5 - (Ohio class) ESM, ELINT, Max range: 926 km
- AN/BQQ-5E(V)4 [AN/BQS-13] - (Ohio, Passive-Only, BQQ-6 Replacement) Hull Sonar, Active/Passive, Hull Sonar, Active/Passive 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/WLR-17 - (Ohio, WLR-9 Mod) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept & Torpedo Warning, Max range: 27.8 km
- Generic Submarine Periscope, Optical - (1990s, 1.5x/12x 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

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 5 ADCAP - (1991) Torpedo. Surface Max: 38.9 km. Subsurface Max: 38.9 km.
- ADC Mk4 Mod 0 Sonar Jammer - (1995-2006, 6-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.
- ADC Mk2 Mod 0 Torpedo Decoy - (1979, 3-inch) Decoy (Expendable). Subsurface Max: 1.9 km.