S 616 Le Triomphant - 1998

France

Type: SSBN - Nuclear Powered Ballistic Missile Submarine

Max Depth: -450 m

Max Speed: 25 kt

Commissioned: 1998

Length: 138.0 m

Beam: 12.5 m

Draft: 10.6 m

Crew: 111

Displacement: 12640 t

Displacement Full: 14335 t

Propulsion: 1x K15 Nuclear Reactor, 150MW

Sensors / EW:
- DMUX 80 Bow - Hull Sonar, Active/Passive, Hull Sonar, Active/Passive Search & Track, Max range: 74.1 km
- DMUX 80 Flank - (TSM 2253) Hull Sonar, Passive-Only, Hull Sonar, Passive-Only Ranging Flank Array Search & Track, Max range: 74.1 km
- DRUA 33C Calypso III [TRS 3100] - (TSM 2253) Radar, Radar, Target Indicator, 2D Surface-to-Air & Surface-to-Surface, Max range: 37 km
- ARUR 13 [DR 3000U] - (TSM 2253) ESM, ELINT, Max range: 926 km
- DSUV 61B - (TSM 2253) TASS, Passive-Only Towed Array Sonar System, TASS, Passive-Only Towed Array Sonar System, Max range: 74.1 km
- DUUG 6 [M5] - (TSM 2253) Acoustic Intercept (Active Sonar Warning), Acoustic Intercept, Max range: 66.7 km
- Generic Submarine Periscope, LLTV - (1980s/1990s, Gen 2, 1.5x/4x Zoom) Visual, LLTV, Surveillance & Navigation Camera, Max range: 41.7 km
- Generic Submarine Periscope, Optical - (1990s, 1.5x/12x Zoom) Visual, Visual, Surveillance Periscope, Max range: 41.7 km

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Weapons / Loadouts:
- Generic Acoustic Decoy - (1990s, Noisemaker / Bubble Screen) Decoy (Expendable). Subsurface Max: 1.9 km.
- F17 Mod 2 - (1989, 533mm, Submarine / Ship, Offensive) Torpedo. Surface Max: 7.4 km. Subsurface Max: 7.4 km.
- SM.39 Exocet Blk II - (1995) Guided Weapon. Surface Max: 51.9 km.
- M45/TN75 [6 MIRV x 150kT Nuclear] - (1998) Guided Weapon. Land Max: 5926.4 km.