

## Le Triomphant

Last update: June 2011

Displacement, metric tons	12,640 surfaced, 14,335 submerged
Dimensions, ft (m)	453 × 41 × 41 (138 × 12.5 × 2.5)
Main machinery	Nuclear
Speed, knots	25 submerged
Complement	111 (including 15 officers)
Diving depth, ft (m)	1,640 (500)
Endurance	Not available
Weapons	16 M45/TN75 SLBMs with six 150 kt warheads, to be replaced by M51/TN75 SLBM with larger range and four warheads; 18 SSMs and torpedoes in four 21" (533 mm) tubes
Comments:	<i>Le Terrible</i> , currently under construction at Cherbourg, will be equipped with a new combat system, the Sycobs, and will receive a new SLBM, the M51. It is the first submarine entirely designed through the use of computer-assisted design (CAD), and is expected to cost € 1.52 billion.

### Sources:

- [1] Stephen Saunders, *Jane's Fighting Ships 2002-2003* (Coulson: Jane's Information Group, 2003), p. 218.
- [2] A.D. Baker, *Combat Fleets of the World*, p. 203.
- [3] David Miller, *The Illustrated Directory of Submarines of the World* (St. Paul: MBI Publishing Company, 2002) pp. 408-411.
- [4] "Les forces sous-marines," French Defense Ministry, [www.defense.gouv.fr](http://www.defense.gouv.fr).
- [5] "SNLE-NG Le Triomphant," Net-Marine, [www.netmarine.net](http://www.netmarine.net).

Related content is available on the website for the Nuclear Threat Initiative, [www.nti.org](http://www.nti.org).



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