

Project 941 Akula (NATO name Typhoon)

Last update: June 2011

Displacement, metric tons	23,200-28,500 surfaced, 48,000-49,800 dived
Dimensions, ft (m)	57 x 76.4 x 37.7, (172.8 x 23.3 x 11.5)
Main machinery	Two VM-5 PWR reactors, 190 MW each; two OK-650 steam turbines, 50,000 hp each
Speed, knots	12-16 surfaced, 25-26 dived
Complement	50-52 officers and 100-127 crew
Diving depth, ft (m)	1,312-1,640, (400-500 m)
Endurance	90-120 days
Weapons	20 R-39 (NATO designation SS-N-20 Sturgeon) SLBMs; RPK-2 Tsakra (NATO designation SS-N-15 Starfish) ASW missiles and/or torpedoes fired from four 21" (533 mm) and two 25.6" (650 mm) tubes.
Comments	The Typhoon submarines do not currently have operational SLBMs. <i>Dmitriy Donskoy</i> , relaunched in June 2002 after refit, acts as a test-bed for the new Bulava SLBM. The Bark SLBM originally intended for the submarine was cancelled, and the Bulava SLBM (related to the Topol M ICBM), which will also arm Borey-class SSBNs, is under development.

Sources:

- [1] Yuriy Apalkov, *Podvodnyye lodki*, vol. 1, part 1 "RPKSN i mnogotselevyye PL" (St. Petersburg: Galea Print, 2002).
- [2] Yuriy Apalkov, *Podvodnyye lodki*, vol. 1, part 2 "Mnogotselevyye PL i PL spetsnaznacheniya" (St. Petersburg: Galea Print, 2003).
- [3] Aleksandr Belkin, "Potemkinskiye eskadry," Grani.ru Web Site, www.grani.ru, 24 July 2002.
- [4] S.S. Berezhnoy, *Atomnyye podvodnyye lodki: VMF SSSR i Rossii* (Moscow: Naval Kolleksiya, 2001).
- [5] V. Demyanovskiy et al, *Podvodnyy shchit SSSR*, vol. 1 "Atomnyye mnogotselevyye podvodnyye lodki" (Rybnisk: Star, 2003).
- [6] *Jane's Fighting Ships* (2004-2005), 591.
- [7] "Russia Nuclear Sub Launched After 12-Year Overhaul," BBC Monitoring, 26 June 2002; in Lexis-Nexis Academic Universe, www.lexis-nexis.com.

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