

## Project 971/971U/971O Shchuka-B/Bars (NATO Name Akula)

Last update: June 2011

Displacement, metric tons	8,632 surfaced; 12,770 dived (according to <i>Jane's</i> , 8,140 surfaced; 10,500 dived)
Dimensions, ft (m)	361.6 x 44.6 x 45.2, (110.23 x 13.6 x 13.78 m)
Main machinery	One VM-5 190 MW reactor; one OK-9VM or OK-650M.01 50,000 hp steam turbine
Speed, knots	11.2 surfaced; 33.3 knots dived
Complement	33 officers and 40 crew (according to <i>Jane's</i> , 31 officers and 31 crew)
Diving depth, ft (m)	1,968.5 (600)
Endurance	100 days
Weapons	RK-55 Granat (NATO designation SS-N-21 Sampson) SLCMs, 3M51 Alfa (NATO designation SS-N-27) SLCMs, and RPK-2 Tsakra (NATO designation SS-N-15 Starfish) ASW missiles launched from four 21" (533 mm) tubes; four 25.6" (650 mm) tubes with Type 86R Vodopad (NATO designation SS-N-16 Stallion) ASW missiles and/or torpedoes; mines; Improved Akulas (971U) and Akula IIs (971O) have six additional 533 mm external tubes in the bow.
Comments	The Akulas are the core of the Russian SSN force. Two additional Akula IIs are under construction at the Amurskiy Shipyard. The last two additional project numbers are included in <i>Jane's</i> .

### 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] S.S. Berezhnoy, *Atomnyye podvodnyye lodki: VMF SSSR i Rossii* (Moscow: Naval Kolleksiya, 2001).
- [4] *Combat Fleets of the World (2000-2001)*. V. Demyanovskiy et al, *Podvodnyy shchit SSSR*, vol. 1 "Atomnyye mnogotselevyye podvodnyye lodki" (Rybnisk: Star, 2003).
- [5] *Jane's Fighting Ships (2004-2005)*, 596.

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