

## Type 209/1300 (Cakra)-Class

Last update: April 2013

Displacement, tons:	1306 tonnes (surfaced), 1,412 tonnes (submerged)
Dimensions, ft (m):	195.2 x 20.34 x 17.2 (59.5 x 6.2 x 5.4)
Main machinery:	Diesel-electric, 4 MTU diesels
Speed, knots:	11 knots (surfaced), 21.5 (submerged)
Range, miles:	NA
Complement:	34 (6 officers)
Diving depth, ft (m):	790 (240)
Endurance:	50 days; 8400nm at a speed of 8nm
Weapons:	8 × 533 mm tubes with 14 AEG SUT Heavy Weight Torpedoes (HWT)

### Sources:

<sup>1</sup> "Cakra Type 209/1300 class," *Jane's Fighting Ships*, 2 March 2011.

<sup>2</sup> "Source Book 2010: Indonesia," *Naval Forces Volume 5*, 2010, p. 165.

### Note:

Also see Pavel Podvig, Consolidating Fissile Materials in Russia's Nuclear Complex, *IPFM Report*, May 2009, pp. 33-34; Pavel Podvig, Susan S. Voss, "Use of highly-enriched uranium in Russian reactors", Proceedings of the 50th Annual Meeting of the Institute for Nuclear Material Management, July 12-16, 2009.

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



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