

Rubin Design Bureau's Improved Kilo Class submarines



Rubin Design Bureau's Pr. 636 diesel-electric submarine (Improved Kilo) is designed for action against hostile underwater and surface ships, for protection of naval bases, coastal areas; sea communications, reconnaissance and other missions. The submarine has a high reserve of buoyancy and unsinkability. The construction of an Improved Kilo class vessel, including the trials, takes only three years and a team of suppliers has been carefully orchestrated. The boat is fitted with state of the art equipment for reducing self-noise down to natural noise of the ocean. That ensures the early detection of an adversary. The Pr. 636 submarine differs from its foreign counterparts of the same class in terms of exclusively powerful weaponry and the ability to attack land targets.

The Improved Kilo class submarine features advanced onboard systems designed by Russian OEMs in XXI century.

The submarine is equipped with missile system that allow missile salvo attacks against sea and land targets. Capability of target detection are at distances that exceed opponent's capabilities, low noise level. Submarines are fitted with electronic equipment based on components

that allow keeping the equipment in operable condition during the entire life cycle of the submarine. Pr. 636 submarines with Club-S System in different versions are in service with the Russian Federation and they have proved their high reliability and performance in the navies of different foreign customers. ➤

Text and photos: Rubin Design Bureau

