



Rosoboronexport intensifies efforts to promote small submarines in the world arms market

JSC Rosoboronexport, part of Rostec State Corporation, and JSC United Shipbuilding Corporation will continue their efforts to promote small and midget submarines in the external market in 2018.

“Rosoboronexport notes the growing interest in small and midget submarines in South-East Asia, Africa, Latin America and the Middle East. Russia’s shipbuilding industry and Navy have considerable experience in their development and operation, which gives grounds for success in promoting such boats in the world market. According to preliminary estimates, the capacity of this segment of the arms market will be approximately US\$4 billion for the coming five years,” said Igor Sevastyanov, Deputy Director General of Rosoboronexport.

Rosoboronexport is ready to supply its foreign partners with custom-designed small and midget submarines of up to 10 different models. These include the boats displacing 130 to 1000 tons that meet the needs of most potential customers. The special exporter carries out after-sales service of the delivered products under a separate contract.

Small and midget submarines are designed:

- to guard coastal maritime borders through covert patrolling;
- to destroy single surface ships and vessels;
- to destroy submarines;
- to deploy (retrieve) commandos;
- to plant minefields;
- to conduct reconnaissance in designated areas and suppress enemy forces;
- to conduct electronic intelligence;
- to evacuate people from local conflict areas;
- to attack enemy shore facilities located on the coast and deep inside its territory.

“Small and midget submarines are a unique segment of the naval market. Despite their small size, they carry various weapons, including torpedoes and mines, and can be armed with cruise missiles. Advanced electronics enables them to timely detect targets and proactively attack the enemy, while remaining stealthy due to low noisiness and electromagnetic signatures,” added Igor Sevastyanov.

Work is under way to fit such boats with AIP systems which will significantly extend their submerged endurance.

Among the key advantages of small submarines are the low intensities of their physical fields, significantly reducing the probability of their detection by ASW forces. This is achieved through their small size, the application of appropriate materials and advanced noise reduction



technologies, as well as other design solutions.

For small submarines intended for special operations, a special lockout chamber can be provided through which combat swimmers can covertly leave the submarine.

The basing of small submarines will not require radical re-equipment of existing naval bases, so their commissioning into the navy does not entail significant capital investments to build the appropriate coastal infrastructures. A specially equipped relatively small surface ship can be used as a tender for small submarines at mobile basing sites.

Rosoboronexport is the only state-owned arms trade company in the Russian Federation authorized to export the full range of military and dual-purpose products, technologies and services. It is a subsidiary of the Rostec Corporation. Founded on 4 November, 2000, now Rosoboronexport is one of the leading world arms exporters to the international market. Its share in Russia's military exports exceeds 85 percent. Rosoboronexport cooperates with more than 700 enterprises and organizations in the Russian defence industrial complex. Russia maintains military technical cooperation with more than 70 countries around the world.

Rostec State Corporation is a Russian corporation that was established in 2007 to facilitate the development, production and export of high-tech industrial products designed for civilian and military applications. The Corporation comprises over 700 organizations that are currently part of 11 holding companies operating in the military-industrial complex and 3 holding companies working in civilian industry, as well as 80 directly managed organizations. Rostec's portfolio includes well-known brands such as AVTOVAZ, KAMAZ, Kalashnikov Concern, Russian Helicopters, VSMPO AVISMA, UralVagonZavod, etc. Rostec companies are located in 60 constituent entities of the Russian Federation and supply products to more than 70 countries. In 2016, the consolidated revenue of Rostec amounted to 1 trillion 266 billion rubles, while the consolidated net income and EBITDA amounted to 88 and 268 billion rubles respectively. In 2016, the average salary in the Corporation was 44,000 rubles. According to Rostec strategy, the main objective of the Corporation is to ensure that Russia has a technological advantage in highly competitive global markets. Rostec's key objectives include the introduction of a new techno-economic paradigm and the digitalization of the Russian economy.

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