

RUSSIA'S MARINE AND POWER ENGINEERING INDUSTRY: PROLETARSKY ZAVOD JSC

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At Defexpo India 2014, the 8th Land, Navy & Internal Homeland Security Systems Exhibition, the Proletarsky Zavod JSC, one of the oldest engineering enterprises in St. Petersburg founded in 1826, traditionally presents its products at the stand of the United Shipbuilding Corporation (Russia). During the 188 years of its existence, Proletarsky Zavod changed and expanded its profile several times: from the construction of the famous architectural monuments of Russia and the production of various sophisticated machine tools to the launching of Russia's first steam ships, construction of Russia's first steam locomotives, manufacturing and repair of Soviet diesel locomotives. During World War II, the plant had to switch completely to repair of military equipment and military production. To meet the Soviet Army needs, it began to repair armored trains, armored railway motor cars, armored cars, equip railway platforms for artillery systems, produce land mines, and manufacture a wide range of parts for tanks and AA guns and much more.

In the 1960s, to supply the state shipbuilding programs with equipment, the plant was converted to the production of marine engineering products and the Special Design Bureau was set up in its premises. The first prototypes of steering gears and marine cranes, handling manipulators for deep-sea submarines were manufactured here. In the 1970s, the plant mastered the production of hydraulic units and transfer-at-sea gears for dry and liquid



> Yuri SKORIKOV – Director General of the Proletarsky Zavod JSC

cargoes. In 1974, the plant merged with the Economizer plant and started producing also power engineering equipment. During this time, Proletarsky Zavod began to manufacture a number of sophisticated,

often unique products which are currently in use on almost all Russian and many foreign ships and vessels.

Today the Proletarsky Zavod JSC is a strategic national enterprise supporting the implementation of the single state policy in a number of Russian industries. The plant produces a wide range of sophisticated marine equipment. Its products are supplied to implement big orders for the Russian Navy as well as are delivered to foreign customers under intergovernmental contracts concluded with Rosoboronexport's participation. Marine equipment produced by Proletarsky Zavod includes a number of devices for deep-sea submarines, powerful marine electrohydraulic heavy-duty cranes, stabilizers, deck machinery, transportation facilities, arresting gears and many other products that are used on board both naval and civilian vessels, including aircraft carrying cruisers, nuclear-powered missile submarines and super-tankers.



> Underway transfer rigs for dry and liquid cargos (made by Proletarsky Zavod)

Marine engineering products

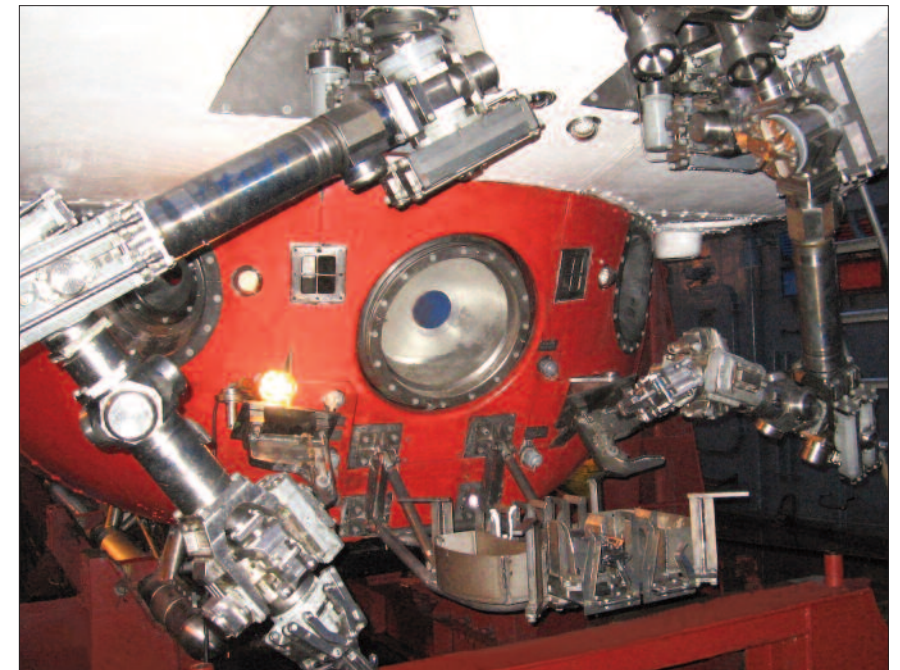
The company currently manufactures:

- Arresting gears for takeoff and landing facilities
- Steering gears and stabilizers
- Underway transfer gears for dry and liquid cargos
- Handling manipulators for underwater work
- Marine hoisting equipment
- Marine power plants
- Water treatment equipment
- Hydraulic equipment

The plant's contribution to the development of large- and small-scale power generation facilities in Russia and abroad is significant, too. For example, in 2013 its Power Engineering Department completed several projects important for the enterprise: production of special electric pump units for nuclear power plants, development and manufacture of suction oil pump units intended for OJSC AK Transneft's mobile pumping units, overhaul of a turbine compressor and a gas turbine generator gearbox for LLC Gazprom Transgaz Ukhta, delivery of the first batch of turbine compressors for the Indian Navy.

Power engineering products

- Transportable gas-turbine power plants
- Pumps for oil and gas industry
- Steam turbine generators
- Gas-turbine generators



> Handling manipulator for deep-sea submarines (made by Proletarsky Zavod)

The plant's employees who were involved in the development and manufacture of marine and ship's equipment were awarded numerous state and departmental decorations. Vast experience, highest qualification and professionalism of the employees are coupled here with modern management principles, planned modernization, and structure and production process optimization. This enables Proletarsky Zavod to manufacture competitive products and continue steadily participate in the implementation of Russia's state programs, including the federal target-oriented programs like the Civil

Marine Engineering Program for 2009-2016 and the State Armaments Program for 2011-2020. 🇷🇺



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> Aircraft carrier equipped with Proletarsky Zavod-made arresting gears