

Морская политика РОССИИ

ЛЮДИ. СОБЫТИЯ. ФАКТЫ

ОФИЦИАЛЬНЫЙ ПЕЧАТНЫЙ ОРГАН МОРСКОЙ КОЛЛЕГИИ ПРИ ПРАВИТЕЛЬСТВЕ РОССИЙСКОЙ ФЕДЕРАЦИИ

Специальный выпуск при участии Департамента судостроительной промышленности и морской техники Минпромторга России



Судостроение России

Shipbuilding in Russia



JSC “Shipbuilding & Shiprepair Technology Center”: way of innovations

JSC “Shipbuilding & Shiprepair Technology Center” (JSC SSTC) is a backbone center for development of Russian shipbuilding industry. In 2019, the company celebrated its 80-years anniversary.

JSC SSTC is currently a multi-discipline research and production complex, one of the largest in St. Petersburg and Russia. Specialists of JSC SSTC render full scope of works from formation of concept to fabrication of innovative products. Scientists and engineers of SSTC develop technologies for design, construction and repair of all ship types; render complex design, modernization and retooling of shipyards and other industrial enterprises; render production engineering for onshore stationing facilities, operation, maintenance and repair of ships and vessels; solve issues related to automation of ship construction and repair; design fishing and special-purpose vessels; develop and fabricate valves and fittings for all types of ships and vessels, deep-sea vehicles and industrial multipurpose systems. SSTC has expertise in calculation of labor intensity for construction and repair of ships and vessels and determination of pricing policy in shipbuilding industry. The

company develops various technologies and equipment for storage and disposal of nuclear wastes and other products of nuclear industry. SSTC owns a plant for pilot production of hardware and special technological equipment (STE) being designed. SSTC effectively engaged in foreign economic activity in field of military-technical cooperation, mostly in such countries as India and Vietnam.

In 2016, JSC SSTC became the main shareholder of JSC “Zavod “Burevestnik”, one of the leading Russian companies in production of valves and fittings. JSC SSTC has scheduled the establishment of a special-purpose holding company (with participation of DB “Armas”, “Zavod “Burevestnik”, JSC “Prometey Research Institution”, city of Nizhny Novgorod (joined SSTC in 2013) to ensure competitive, cost-saving series production of new generation shipboard valves and fittings.

From 1994 till now JSC SSTC maintains the status of the State Scientific Center of the Russian Federation. Specialists of JSC SSTC perform exploratory and application surveys in area of hightech for shipbuilding and machine building enterprises, inclusively based on strong power sources and new physics, take leading roles in execution of Federal

target programs on development of military-industrial complex, civil shipbuilding, large investment projects and domestic economy in general. JSC SSTC owns unique facilities for domestic shipbuilding, such as Laser Center and Virtual Research Center. Innovative production procedures and STE developed by specialists of SSTC are actively implemented in shipbuilding and machine building industries ensuring efficient operation of future shipyards.

SSTC maintains scientific-technical and production cooperation with organizations and companies from more than 40 countries. SSTC is a member of many international organizations actively participating in professional congresses, workshops, large international and shipbuilding exhibitions. Among notable past events, one can mention International Maritime Defence Show, International military-technical forum “Army”, etc.

SSTC has representative offices both in Russia (Moscow and Severodvinsk) and abroad (Vietnam). SSTC accommodates Association of Shipbuilders of St. Petersburg and the Leningrad Region and conducts events which are crucial for shipbuilding industry of the city,



Conference in JSC SSTC on May 19, 2021.

Arrangement in presidium (left to right): A.N. Vauchsky, Director of ISTC "Rumb",

M.V. Aleksandrov, Director General of JSC SSTC, V.A. Netsvetaev, Head of Division for pricing and economic analysis of the Ministry of Industry and Trade of the Russian Federation. Speaker: A.M. Glazov, Deputy Director General on economy and finance of JSC CDB ME "Rubin".

region and country in general. SSTC also issues scientific research and production magazine "Sudostroenie" (6 issues per year).

Since 2010, SSTC incorporates ISTC "Rumb" which is a successful scientific and technical center for calculation of pricing, labor intensity and labor norming in shipbuilding industry. It was established with approval and support from the Ministry of Industry and Trade of the Russian Federation, Russian Navy, JSC USC and the Military-Industrial Complex supported by the Russian government.

In accordance with decision taken by the Minister of Industry and Trade of the Russian Federation dated 02.04.2014, JSC SSTC was nominated as leading R&D center of military-technical industry in calculation of pricing, labor intensity and labor norming for shipbuilding industry, as well as in technical-economic pricing expertise upon development, production, exploitation, repair, maintenance and disposal of ships and vessels.

One of the last events organized by JSC SSTC and ISTC "Rumb" conducted on May 19, 2021 was research and practice conference "Advancement of determination procedure for pricing, labor intensity and labor norming in shipbuilding industry. Intermediate

results and prospects", attended by representatives of the Department of Shipbuilding Industry and Marine Facilities of the Ministry of Industry and Trade of the Russian Federation, JSC USC, 36 shipbuilding companies and educational institutions, 114 participants altogether.

During the conference it was noted, that ISTC "Rumb", under the direction by the Ministry of Industry and Trade of the Russian Federation and in cooperation with specialists in shipbuilding industry had promoted various initiatives essential for shipbuilding industry, such as advancement of normative-methodical base for pricing, labor intensity and labor norming, which have now gone to the stage of practical implementation.

For instance, SSTC is now developing procedure for price determination (in accordance with decree of the Russian Government No.34 dated 23.01.2021), and draft law for conduction of technical-economic expertise of ship pricing. SSTC also updated 114 sets of time allowances for ship construction facilities, 71 of which are now under finalization. Time allowances for new engineering procedures are being developed.

SSTC keeps developing branch

methodical documents on pricing and labor intensity in frames of Update schedule finalized by the Minister of Industry and Trade of the Russian Federation.

Proposals put forward during conference on problematic issues of price formation have been submitted to the Department of Shipbuilding Industry and Marine Facilities of the Ministry of Industry and Trade of the Russian Federation.

In honour of its 80-years anniversary SSTC released a book named "Engineers and ships. Forefront of ages and solutions". This seems to be the most appropriate description of activity of the unique company, which steadily solves the assigned tasks, supported by rich historical background but always directed to the future. JSC SSTC remains open for new contacts, large-scale projects and innovative solutions for development of Russian economics and shipbuilding industry.

M.V. Aleksandrov
Yu. I. Syroezhina