

ВЕСТНИК IMDS 2017

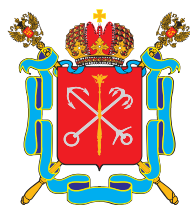
МЕЖДУНАРОДНЫЙ ВОЕННО-МОРСКОЙ САЛОН

St. Petersburg, Russia 28 June – 02 July 2017

HERALD IMDS 2017

INTERNATIONAL MARITIME DEFENCE SHOW

№1(27) 2016



Dear friends!

VIII International Maritime Defence Show will be held in St. Petersburg from June 28 to July 2, 2017! This representative forum has become one of the landmarks of our city – marine capital of Russia. It offers unrivalled opportunity to unveil state-of-the-art developments in naval and commercial shipbuilding, navigation. Interest in the Show is being continuously deepened along with number of participants growing. Exhibition and debate platforms of the largest marine forum are engaging for experts as well as for citizens and tourists.

Shipbuilding heritage of the Emperor Peter the Great is being cherished in St. Petersburg. Shipbuilding complex of our city has always been and remains to be one of the most dynamic industries. There are major enterprises, research centers and design bureaus, institutes of higher maritime education. Today St. Petersburg shipyards are mastering leading edge products, implementing ambitious modernization projects. Powerful advanced vessels with unique specifications are developed in Russia for sea guarding and studying. At that 80 percent of which are launched in St. Petersburg.

Leaders of enterprises, experts in marine business, government officials are warmly welcome to VIII International Maritime Defence Show 2017! The Show will be another step in strengthening international cooperation in marine science and technology.

I wish rewarding work, new challenging ideas and reaching goals to all experts involved in marine business!

St. Petersburg Governor

Georgy Poltavchenko



Interview with A.V. Fomin, Director of the Federal Service for Military-Technical Cooperation of Russia



– What is your estimate of trends in Russian military product export in the years to come? What are the countries to be the most active in military & technical cooperation? What defense products are most popular with foreign customers?

– Notwithstanding complicated international situation Russia remains to be one of the major suppliers in global market of armament and military equipment. We are quite successful in deepening military & technical cooperation with foreign partners. Russian defence products have been consistently exported for the recent years and we do hope to hold the bar high in the future.

We had military and technical contacts with more than one hundred countries last year, Russian defence products were supplied to 58 countries. Asian and African regions are the leaders in defence order portfolio with the vast majority of contracts gained. India and China are the key Asian partners. Russian military & technical cooperation (hereinafter MTC) is intensively deepened with Vietnam and Indonesia. MTC is being continued with Middle East countries. Our new partners comprise Botswana, Kenya, Cameroon and South Sudan. Persistent efforts are being applied to establish MTC with Latin America and Caribbean countries. Venezuela and

Brazil are major Russian partners here. Cooperation with Cuba and Peru is taking new level.

As before, aircraft engineering is the most-coveted with 51 % of overall volume of exported defence products, the second place is taken by 19 % air defence followed by land arm technologies (16 %) and naval engineering (10 %).

– What Russian arms & military equipment exhibitions may be recommended for current and potential customers to learn recent advances of Russian engineers and manufacturers?

– Our exhibitions are integrated into international exhibition schedule, they are intensively developing with their image and audience. Each of these exhibitions may be recommended for foreign partners to have a look at arms and military equipment of interest for the state military forces.

Naval engineering and weaponry are traditionally exhibited at International Maritime Defence Show in St. Petersburg. Aviation, space technologies and air defence assets are unveiled at the International Aviation and Space Salon MAKS in Zhukovsky, Moscow oblast. There are exhibitions aimed at promotion of specific products highly sought both in military and commercial domains. I mean International Helicopter Industry Exhibition HeliRussia held in Krasnogorsk, Moscow oblast, and International exhibition and scientific conference on hydroaviation Hidroaviasalon in Gelendzhik, Krasnodar region. RF Ministry of Defense holds International military-technical forum Army to exhibit the key trends in development of advanced and leading-edge weaponry. This largest in Russia forum is held in Kubinka, Moscow region, from 2015.

For obvious reasons the interest of foreign customers to exhibition platforms where they can learn Russian developments aimed at assurance of state and citizens safety is growing – these are International exhibition Interpolitex and Integrated Safety and Security Exhibition held in Moscow.

In view of increasingly competitive environment in global arms market and enhanced efficiency of Russian defence product exporters at international exhibitions, as well as forehanded awareness of foreign customers on Russian capability to develop

high-end and reliable weapons and military equipment we are striving to move beyond the bureaucracy in this area by avoiding any risk to defence capacity and safety of our country.

For this purpose, jointly with the other federal executive bodies we carry out methodical work on perfection of the legal base in the field of MTC.

In this way, today, all the organizations of the domestic military-defence complex were provided with an opportunity, while meeting the measures on protection of the information which contains the state secret, to demonstrate on the basis of decisions made by FSMTC of Russia at the international exhibitions in our country and foreign countries the up-to-date samples of military-purpose products which was not included in the list of the military-purpose products allowed to be transmitted to foreign customers. Formerly, it was necessary to have the special decision of the President of the Russian Federation. The decision-making procedure regarding the expansion of such products at the exhibitions was simplified.

Thus, we strive to make all of the held exhibitions interesting for our foreign partners and aimed at strengthening and development of the military-technical cooperation of the Russian Federation with foreign countries.

– What is the effect of international climate on military & technical cooperation? Has the membership of partner countries changed? What about the range and scope of defence products delivered to foreign partners?

– Certainly, any variation in global political and economic situation affects MTC process. Global crisis resulted in commodity market fluctuations involving military costs cutout in a number of countries. Steep fall in oil prices affects the potential of our partners to buy Russian defence products. Moreover, we have had to refuse numerous joint projects with our ex-partners recently. Sectorial sanctions imposed by the United States of America and their allies culminated in curtailed MTC with European countries. We remain open for cooperation and hope for its prompt resumption, but, unfortunately, the leaders in certain countries seem to be unprepared to pursue autonomous foreign policy independent of the USA.

Moreover, we managed drawing numerous favorable lessons as matters stand. Above all, I mean actions of Russian companies taken to implement Import Substitution Program for OEM components, element base, raw materials and supplies used at development, manufacture, modernization and repair of Russian weapons and military equipment. Finally we succeeded in developing Russian weaponry and military equipment noninferior to foreign counterparts and superior thereto for a number of criteria.

Also worth noting is that some countries have recently become more and more preferential to Russia at tendering process by considering its reputation of reliable partner in MTC domain. These days many people have understood that in critical situation our country will not disclaim assumed international obligations even being pressed.

The success of Russian aerospace forces in Syria drove up demand for Russian weaponry among foreign partners, as well. In Syria the entire world witnessed Russian smart and highly efficient weaponry employed at long distances.

– FSMTC of Russia has always been involved in IMDS since the very first show. Are there any plans to take part in IMDS-2017?

– FSMTC of Russia has been actively participating in the International Maritime Defence Show since 2003. Our representatives are traditionally the members of organization committee, as well as working groups involved in show arrangement and holding.

And, of course, FSMTS of Russia ensures control and coordination of Russian organizations as it does at all other international exhibitions of military products held in the Russian Federation according to powers the Service is vested with.

Moreover, in order to gain the full advantage of this exhibition platform used for discussing MTC between Russia and foreign states the Service sends invitations and information letters on the coming Show to military and political establishments of foreign states being current or potential partners.

We plan to carry out all of these events in preparation for the International Maritime Defence Show IMDS-2017 as well.

Министерство
промышленности и торговли
Российской Федерации

Организатор
ORGANISED BY



Ministry of Industry
and Trade of Russia

ООО
«Морской Салон»



Morsky Salon
Co. Ltd.

Устроитель
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ПРИ УЧАСТИИ
SUPPORTED BY

Министерство обороны
Российской Федерации



Russian Federation
Defence Ministry

Министерство
иностраннх дел
Российской Федерации



Ministry of Foreign Affairs
of Russia

Федеральная служба
по военно-техническому
сотрудничеству



Federal Service for Military-
Technical Cooperation
of Russia

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St. Petersburg
Government

АО
«Рособоронэкспорт»



Рособоронэкспорт
JSC

WELCOME TO IMDS-2017!



– Stanislav Anatolyevich, due to the main indicators, nowadays the International Maritime Defence Show confidently ranks among the top three leading international naval exhibitions. In what way has the position been achieved and how is the success being developed?

– Preparation and organization of the First International Maritime Defence Show – IMDS-2003 – took about five years. The Show was timed to coincide with the 300th anniversary of St. Petersburg. It was held at a high professional level and immediately took a place among the largest naval shows in the world. Since then, every odd year, in St. Petersburg, IMDS has been gathering the leading Russian and foreign enterprises, demonstrating new surface ships and submarines, boats, weapons and naval equipment. One of the most important aspects of IMDS is the demonstration of the export potential of the Russian shipbuilding, as evidenced by a great interest of potential and actual customers to the Show. During the Shows prerequisites for export contracts signing are created and presentations of new models of weapons and military equipment are carried out. IMDS traditionally includes a large convention and business activity, which allows estimating the prospects and trends of the domestic and the international shipbuilding. A significant advantage of IMDS is the ability to demonstrate ships in the water areas, which are close to the exhibition; naval weapons in action in a test range; visits to the leading shipyards and research organizations, as well as the air show, which attracts constant attention of experts and citizens.

IMDS is held in accordance with the Order of the Government of the Russian Federation. The organizer of IMDS is the Ministry of Industry and Trade of the Russian Federation with the participation of the Ministry of Defence, the Ministry of Foreign Affairs, the Federal Service for Military-Technical Cooperation, the Government of St. Petersburg and JSC "Rosoboronexport".

Time and again the International Maritime Defence Show shows good results, regardless of the crisis in the economy and the politics. And nowadays it is ready to demonstrate the new possibilities of import substitution and domestic cooperation.

– How many participants and visitors did IMDS-2015 receive?

– 424 enterprises and organizations, including 40 foreign companies from 27 countries participated in IMDS-2015. 66 delegations from 44 countries visited the Show.

The participants of the exposition and exhibition section of the Show have become the leading Russian and foreign companies, such as JSC "United Shipbuilding Corporation", "Rostec Corporation", State Research Center JSC "Concern CSRI "Electropribor", JSC "Scientific and Production Association "Avrora", FSUE "Krylov State Research Center", JSC "Concern "Okeanpribor", JSC "Concern "GranitElectron", JSC "Tactical Missiles Corporation", JSC "Concern "Sea Underwater Weapon "Gidropribor", Federal State Unitary Enterprise "Central Research Institute of Structural Materials "Prometey", JSC "Zelenodolsk Plant named after A. M. Gorky", JSC "Concern "Almaz-Antey", JSC "Concern "MorinformsystemAgat", BrahMos Aerospace Company, MTU Friedrichshafen GmbH (Germany), ECA Group (France) and many others.

The exposition and exhibition section of the IMDS-2015 were located in the pavilions of the exhibition complex "Lenexpo" (the total area of over 17,000 square meters), in open areas and in the Gulf of Finland, as well as at the berths of the Passenger Marine Terminal.

At the exposition and exhibition section of the Show, at the berths of the Passenger Marine Terminal and in the waters of the Gulf, 39 ships, boats and vessels of the Russian Navy, the Border Service of Russia and the participating enterprises of the Show were presented. Among them the diesel-electric submarine of 636.3 project – "Stary Oskol", the patrol ship of 11540 project – "Yaroslav Mudry", the corvette of 20380 project – "Stoiky", the air-cushioned landing ship of 12322 project – "Mordovia", the coastal minesweeper of 12700 project – "A. Obukhov" and the search and rescue boat of 12150 project attracted a lot of attention of specialists.

In open areas of "Lenexpo" JSC "Russian Helicopters" demonstrated sea helicopters Ka-31 and Ka-52 by "Kamov" Design Bureau. 10 marine artillery mounts, as well as samples of small arms weapons were held in action for official foreign delegations and representatives of mass media at the firing range of the Russian Ministry of Defence – "Rzhevka".

Traditionally, within IMDS-2015 demonstration flights of aerobatic display teams – "Russkie Vityazi", "Strizhy" and "Rus" were arranged.

Visits to the enterprises of the military-industrial complex proved to be the one of the most interesting events for the experts of the Show.

Within the frames of the convention and business section, there were held 24 events, including the VIII International Conference "The Navy and shipbuilding in modern conditions" (NSN'2015), the XVI International Scientific and Practical Conference MORINTECH-PRACTICE, "Information Technologies in Shipbuilding-2015", the III International Scientific Practical Conference "Simulation and Complex Modeling of Marine Equipment and Marine Transport Systems", the International Scientific and Practical Conference "Innovations as the basis of modern technologies of search and rescue support of maritime activities".

The final day of the Show was adorned with two traditional sailing regattas for the prize of the International Maritime Defence Show IMDS-2015.

– Where do the preparations for IMDS-2017 stand?

– The regular VIII International Maritime Defence Show is being prepared by reliable team of professionals. Preparations are going according to the plan, therefore, with full responsibility, I invite specialists in shipbuilding, naval engineering and arms to participate in IMDS-2017.

Interview with Stanislav Chuy, Head of Department of Shipbuilding and Marine Technique of the Ministry of Industry and Trade of the Russian Federation



ST. PETERSBURG – SISTER CITY, PARTNER CITY

St. Petersburg, the largest northern megalopolis in the world and the northernmost of the largest cities, is the most heavy-duty sea and river port in Russia. It is metaphorically depicted on the city arms by sea and river anchors being crossed. From the very beginning the city was founded as strategic maritime center – gates to Europe – and it remains as it is up to now. St. Petersburg is an open city, it has more than 90 sister cities, but Hamburg was one of the first. Next year this fact celebrates 60-year anniversary that is 5 years more than the largest shipbuilding exhibition SMM! SMM-2016 will be attended by representative delegation headed by St. Petersburg vice-governor Sergey Movchan. Read Mr. Movchan interview to IMDS Herald newspaper.



several years to come. Shipbuilding companies are implementing large investment projects associated with construction of advanced shipbuilding complexes, innovative centers, assembly lines, commissioning of new manufacturing facilities, industrial refitting and implementation of new technologies, as well as reconstruction and technical retooling of manufacturing facilities.

Admiralty shipyards should be especially noted among leading enterprises. Besides submarines built for Russian and foreign Navy, the shipyard ensures construction of commercial vessels of various types, including tankers for major Russian shipping companies. Modernized manufacturing facilities enable building vessels meeting the most stringent up-to-date requirements.

Baltic shipyard specializes in construction of multi-role icebreakers and passenger-and-freight ferries for Russian and foreign customers. Thanks to its unique products Almaz shipbuilding company, producing amphibious, air-cushion vessels and high-speed motor boats and yachts, as well, enjoys a great reputation in Russia and worldwide.

– Exhibition is presentation of powers, exchange of information and meeting point for future partners, what can you say about St. Petersburg as a shipbuilding center?

– The city is globally known as a leading center of development and construction of the best Russian ships. A year after the city foundation – in 1704 – Admiralty shipyard, the first large shipbuilding company in St. Petersburg, got started. More than 3.5 thousand of ships, vessels and submarines have been built in the city for more than three centuries. Neva banks were the starting point for Russian ships put to around-the-world cruises and stand to geographic discoveries. Ships developed in St. Petersburg are the bedrock of the hitting power of Russian Navy and operated by 30 countries in the world.

Shipbuilding in St. Petersburg is the most important city-forming industry ensuring not only economic, but also social development of the region. More than 40 thousand citizens (including related sectors – about 200 thousands) are involved in shipbuilding industry. Every fifth St. Petersburg family is related to shipbuilding, commercial or naval fleet.

St. Petersburg hosts large shipbuilding enterprises – Admiralty shipyards JSC, Severnaya shipyard JSC, Baltic shipyard LLC, Almaz shipbuilding company JSC, Sredne-Nevskiy Shipyard JSC, Kronstadt Marine Plant JSC, etc.

– Some foreign politicians and journalists denounced failure of Russian industry, how matters stand in fact?

– Presently 43 shipbuilding enterprises are running in St. Petersburg, wherefrom 23 are industrial companies and 20 are involved in research activities in shipbuilding and shiprepair domain. Significant part of scientific and design resources is concentrated here, one third of all Russian shipbuilding product portfolio is being produced here.

It should be noted that the order portfolio of the majority shipbuilding enterprises is shaped for

Severnaya shipyard is an acknowledged leader in construction of middle-class naval ships (destroyers, corvettes) for Navy. The company has launched large investment project “Development of advanced shipbuilding complex” aimed at construction of dry dock, covered slipway and modernization of engineering and transport infrastructure. The project will enable the company establishing crucially new production facilities to build super-large vessels thereby enhancing its competitive ability.

Sredne-Nevskiy Shipyard is the only expert in Russia and in the world boasting unique technology to build monolithic ship hulls made of glass-reinforced plastic up to 80 m in length. The shipyard builds minesweepers, auxiliary fleet vessels.

– High-end vessel is a complicated system implying harmonious operation of a great number of mechanisms and complexes. What “stuff” is being produced in St. Petersburg?

– St. Petersburg is unique, since its enterprises are able not only to develop and build, but also equip the vessel almost completely.

St. Petersburg accommodates leading shipyards and design bureaus – CDB ME Rubin JSC, SPb Marine Engineering Bureau Malachite JSC, CMDB Almaz JSC, Severnoye Design Bureau JSC, Nevskoe Design Bureau JSC – and research institutes and enterprises – marine equipment suppliers: Krylov State Research Centre FSUE, Shipbuilding and Shiprepair Technology Center JSC, Concern CSRI Elektropribor JSC, Concern Oceanpribor JSC, Concern Granit-Electron JSC, Concern Sea Underwater Weapon – Gidropribor JSC, Concern Aurora Scientific and Production Association JSC, Transas Group of Companies.

City on the Neva is famous for its educational institutions, as well, training future engineers and marine researchers.



So, St. Petersburg is the center of both research & development, high-power manufacturing capabilities and highly-qualified experts.

– St. Petersburg has been involved in SMM since 1992, what are the composition and plans of our delegation for SMM-2016?

– Some enterprises at the trade fair for the maritime industry SMM-2016, Hamburg, are presented as a group stand of St. Petersburg. These are Diesel Systems Plant LLC, Zvezda JSC, Kanonersky Shiprepairing Yard JSC, Meridian Research and Production Firm JSC, North Sea LLC, Sevzapkanat Co. Ltd, Shipbuilding and Shiprepair Technology Center JSC, ElektroRadioAvtomatika JSC, SIC Cascade JSC, Marine Complex Systems Ltd., Morskoy Salon Co. Ltd.

Exhibition stands of Admiralty shipyards JSC, Baltic shipyard LLC, CDB ME Rubin JSC, Severnaya shipyard JSC, Severnoye Design Bureau JSC, Sredne-Nevskiy Shipyard JSC are the part of Russian nationwide exposition. Thus,

St. Petersburg is represented by the most important shipbuilding domains.

The key task of the delegation is to demonstrate St. Petersburg industrial and innovative potential, its shipbuilding industry and each individual exhibitor of our group stand. This work will be carried out both within the framework of the exhibition and in Hamburg Senate where the meeting with

Dr. Rolf Böisinger, State Councillor, Hamburg Ministry of economic affairs, transport and innovations, and representatives of German business community is planned. The first half of our working plan is to come up, while the second half is to take a close look at achievements of other countries and their enterprises that is really feasible at SMM.

– Do you plan during SMM to advise our German partners of important shipbuilding events to be held in St. Petersburg in 2017?

– Next year we expect one of three largest naval exhibitions in St. Petersburg – 8th International Maritime Defence Show. Our city is a unique venue for such events: vicinity of water area to exhibit ships and vessels and exhibition halls, possibility to visit research centers, shipbuilding enterprises and to witness naval weapon in service. One of the members of our delegation, Morskoy Salon Co. Ltd, will provide all necessary information for decision making regarding IMDS-2017.

Also, next September our city welcomes 14-th International Exhibition & Conference forum on commercial shipbuilding, shipping, ports, ocean & offshore engineering NEVA-2017. NEVA exhibition and conference is founded in 1990 and involves more than 500 companies and enterprises from 35 countries.





SMM – PREMIERES FROM ALL THE WORLD

SMM, the world's leading maritime trade fair, is held in Hamburg every two years. More than 2,150 exhibitors from roughly 70 countries and some 50,000 visitors will be there from 6 to 9 September 2016. SMM covers the whole of the value chain of the maritime industries, bringing together the decision makers from all parts of the world, as a platform for innovation.

One of the keys to the success of SMM has always been the enormous innovative power of the companies participating. SMM features exhibitors of all kinds, from market leaders to young start-ups, with two thirds of them based outside of Germany. They will present their latest technologies and services, and in many cases exclusive world premieres. Excitement is building up – "The tremendous challenges within the maritime industries make SMM a key indicator and trendsetter. It is presenting today the course that the industry will take tomorrow," says Bernd Aufderheide, CEO of Hamburg Messe und Congress GmbH.

This year, Green Propulsion – alternative, low-emission propulsion technologies such as LNG, methanol, hybrid and dual-fuel as well as fuel cell systems – will be a key topic on the SMM agenda, along with Big Data and Digitalisation.

For the 11th time at the SMM the RUSSIAN NATIONAL PAVILION will be presented.

The following companies will participate in the Pavilion:

UNITED SHIPBUILDING CORPORATION (Stand-No. **B2.EG.107**) and ten shipyards and design bureaus of the Corporation:

- ADMIRALTY SHIPYARDS
- ARCTECH HELSINKI SHIPYARD
- BALTIC SHIPYARD
- PO SEVMASH
- RUBIN DESIGN BUREAU
- SEVERNOYE DESIGN BUREAU
- SHIPBUILDING PLANT SEVERNAYA VERF

- SREDNE - NEVSKY SHIPBUILDING PLANT
- VYBORG SHIPYARD
- ZELENODOLSKOYE DESIGN BUREAU

Sudomechanism JSC (**B3.OG.228**)

Krylov State Research Centre (**B3.OG.232**)

VM (**B3.OG.234**)

JSC VNIIR Subsidiary branch (**B3.OG.328**)

Energoremont Company Limited Liability Company (**B3.OG.333**)

Kandalaksha Experimental Machinery Plant, Limited Liability Company (**B3.OG.333**)

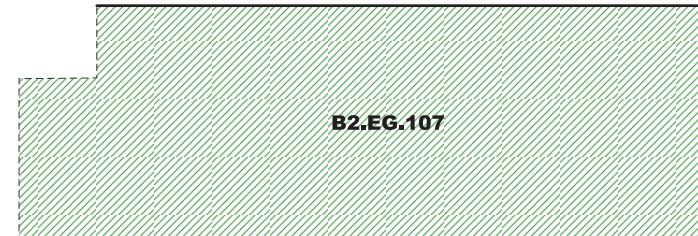
Shiprepair & Shipbuilding Corporation, JSC (**B3.OG.337**)

The joint exposition of ten companies from St.Petersburg will be presented by the Committee for Industrial Policy and Innovation of St.Petersburg (**B3.OG.230**):

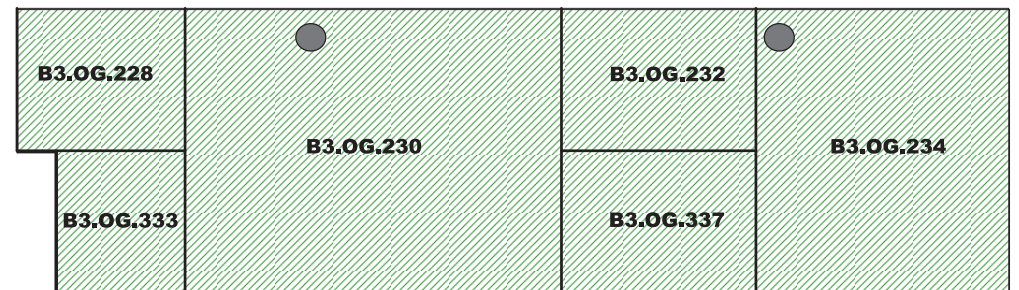
- Diesel Systems Plant Ltd
- ELECTRO RADIOAUTOMATIKA, JSC
- KANONERSKY SHIPREPAIRING YARD, JSC
- Marine Complex Systems Ltd.
- Meridian Research & Production Firm JSC
- North Sea
- SEVZAPKANAT Co.Ltd
- Scientific and Production Association "KASKAD" Ltd.
- Shipbuilding & Shiprepair Technology Center, JSC
- ZVEZDA, PJSC

You are welcome at the Russian National Pavilion for building new relationships!

Hall B2, Ground Floor



Hall B3, Upper Floor



WELCOME!

IMDS 2017