

**RUSSIAN PAVILION**  
**H A M B U R G**  
**S M M 2 0 1 0**

**Sept. 7-10**

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# SMM 2010 hall plan



**SMM**

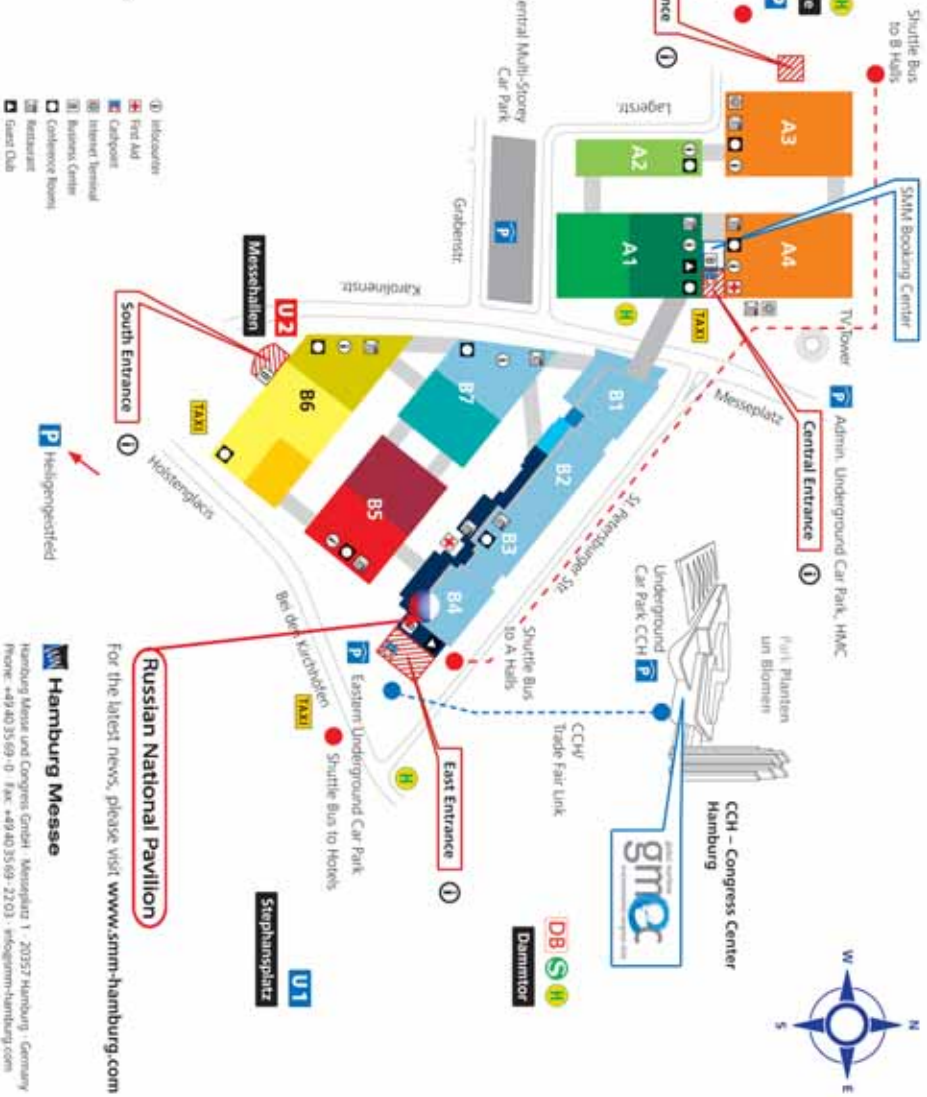
shipbuilding • machinery  
 & marine technology

International Trade Fair  
 Hamburg

7 - 10 September 2010  
 daily 9:30 am - 6 pm



- Hall A1 Ship Operation Equipment, Environmental Technologies
- Hall A2 Pump, Valve, Compressors
- Hall A3-A4 National Pavilions
- Hall B1 Shipyard, Shipbuilding Industry
- Hall B2 Production Equipment
- Hall B3 Ship Engineering & Design
- Hall B4 National Pavilions
- Hall B5 Shipyard, Shipbuilding Industry
- Hall B6 National Pavilions
- Hall B7 Shipyard, Shipbuilding Industry
- Hall B8 National Pavilions
- Hall B9 National Pavilions
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**Russian National Pavilion**

For the latest news, please visit [www.smm-hamburg.com](http://www.smm-hamburg.com)

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Subject to modifications and amendments, as of July 2010



**Deputy Chairman  
of The Government  
of the Russian Federation  
I. Sechin**

**To participants and visitors  
of the trade fair SMM 2010**

On behalf of the Government of the Russian Federation and from myself I would like to welcome the organizers, participants and guests of the 24th international trade fair for shipbuilding, shipping, port and port technology, machinery and latest marine technology and invite you to the Russian Exposition, presented at the world's leading shipbuilding forum for the 8th time.

The Government of the Russian Federation pays great attention to the support of the domestic shipbuilding industry, to increasing its economic stability, efficiency and competitiveness. The development of shipbuilding along with cosmonautics, nuclear power industry and aircraft industry are among the key priorities of the industrial policy of Russia.

With every new edition of the trade fair Russian exposition is becoming more and more representative and diversified. It reflects positive processes in the economy and in the shipbuilding industry of Russia.

First of all it is the consolidation of the United Shipbuilding Corporation which has integrated the shipbuilding and shiprepair enterprises and design bureaus with their experience, knowledge and high professionalism. Main tasks of the United Shipbuilding Corporation today are to modernize shipbuilding process, to bring it to the highest world standards, make the Russian shipbuilding products competitive on the world market, and, as a result, to retain for Russia the status of the Great naval power.

I wish you successful business networking and welcome to the Russian Exposition!

Yours faithfully,



# UNITED SHIPBUILDING CORPORATION, JSC

President:  
Roman Trotsenko



UNITED SHIPBUILDING CORPORATION (RUSSIA)<sup>®</sup>

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JSC “United shipbuilding corporation” (USC) integrates Russian shipbuilding assets and design bureaus. USC builds vessels of the finest quality which can meet various requirements and specifications, and carries out all kinds of works from design to launching.

USC pays special attention to commercial shipbuilding and focuses on construction of sophisticated vessels (middle-size gas carriers, ice-class tankers and tugs, nuclear ice-breakers, research vessels, cruisers, etc.), offshore units as well as propulsion systems and engineering products.

Keeping in view the probabilities of oil and gas field development of the Arctic Shelf, USC is aiming to construct new marine units, namely top and bottom sides of oil and gas production platforms, subsea production units (manifolds, templates), supply vessels, drilling rig modules and LNG plants.

To ensure field development for the whole life cycle USC fulfills all spectrum of works related to commission-

ing, maintenance, trials and testing of equipment, control systems and further upgrading and technical service of floating drilling units.

The leading Russian companies such as JSC “Gasprom”, JSC “NK “Rosneft”, JSC “Sovcomflot”, JSC “Novatech”, Primorsk Shipping Company, State Corporation “Rosatom” have expressed their interest in USC’s vessels due to a considerable increase in cargo transportation in Russia and export of oil and refined products as well as natural gas and LNG.

With a view to strengthen their position in the world shipbuilding, in 2010 USC established new shipbuilding complexes (joint ventures) in the Far East such as “Svezda-DSME” (jointly with Daewoo Shipbuilding & Marine Engineering) and “Vostok-Ruffles” (jointly with Yantai Ruffles).

JSC “United shipbuilding corporation” is open to all forms of co-operation in commercial shipbuilding both in Russia and worldwide.

# ADMIRALTY SHIPYARDS, JSC

General Director:

Vladimir L. Alexandrov



“Admiralty Shipyards” — one of the oldest shipyards of Russia — was founded in 1704 by Peter the 1st. The main directions of the enterprise are: construction, design, and modernization of civil and naval vessels of various types.

Since the first day of its foundation “Admiralty Shipyards” have constructed over 2600 ships and vessels of different types and classes: the first Russian steamboats, battleships and cruisers, the first nuclear-powered ice-breaker in the world, unique research ships and deep-diving vehicles, a prototype of the first Russian submarine and diesel submarines of different types, which do not have analogs in the world shipbuilding practice.

Today “Admiralty Shipyards” is a high-tech, diversified enterprise operating with success in both the Russian and world markets. Production facilities and equipment of the shipyard allow for construction of vessels meeting all existing modern international requirements: two open sloping slipways, 5 covered slipways and 2 floating docks make it possible to build first class vessels of up to 70 000 DWT.

In 2003-2008 a series of 8 tankers was built of 47 000 DWT, and in 2010

“Admiralty Shipyards” has been carrying out construction of a series of two arctic tankers of 70046 project with the deadweight of 70 000 tons for JSC “Sovcomflot”.

“Admiralty Shipyards” is consistent in maintaining specialization in the field of submarine construction. Up until today, about 300 submarines have been built here (including 41 nuclear submarines) and 68 deep-diving vehicles and submersibles.

On the 1st December 2008 a state shipbuilding contract was signed for construction of a new scientific and expedition vessel for the Russian Antarctic Expedition between “Admiralty Shipyards” and the Federal Hydrometeorology and Environment Monitoring Service (Rosgidromet). The vessel is designed using multi-year experience of operation of vessels in the Antarctic zone, providing for comfortable operation conditions for the crew and expedition personnel at the ambient temperature of down to minus 40°C.

The enterprise has obtained an international certificate of quality allowing to give customers firm guarantees of high quality of production, which enhances competitiveness of products in the world market.

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# CONCERN “AVRORA” SCIENTIFIC AND PRODUCTION ASSOCIATION, JSC

General Director:  
Konstantin Y. Shilov

The Concern “Avrora” Scientific and Production Association JSC develops, manufactures supplies, ensures warranty maintenance and servicing of onboard hardware automated control systems, as well as automated information and control systems, integrated bridge systems and systems for all classes of ships including nuclear icebreakers, civil ships, mineral resources reconnaissance and mining ships, dynamically supported ships, deep-water vehicles. “Avrora” Corporation S&P develops controls systems of power plants, of maneuvering and stabilization of ship motion parameters, control systems of power generation, general ship systems, ship assemblies and mechanisms, anti-damage facilities; it also develops special simulators for training personnel of ships, signaling devices and other information sources.



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# BALTIYSKY ZAVOD, JSC

**OPK Shipbuilding Project  
Director,  
General Director  
of Severnaya Verf JSC,  
General Director  
of Baltiysky Zavod JSC:  
Andrey B. Fomichev**

Baltiysky Zavod, JSC is included into United Industrial Corporation (OPK), specializes in construction of military ships, heavy-tonnage civil vessels and icebreakers (propelled by nuclear and diesel power plants). The shipyard is building Ro-Ro and Ro-Pax cargo/passenger ships, chemical-carrying tankers, bulkers, etc. Having its own design/engineering departments enables Baltiysky zavod to offer a number of promising designs of its own: heavy-tonnage LNG tankers, multipurpose icebreaking supply vessels, floating nuclear and diesel power generation units, vessels for technical support of shelf operations, floating desalination facilities. The enterprise produces a broad spectrum of ship power equipment and ship machines intended. The shipyard is a maker of heat exchange equipment for nuclear power plants and a supplier of non-ferrous and steel castings.



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# COMPRESSOR, JSC

**General Director:**  
**Leonid G. Kuznetsov**



High-pressure piston for air compression, membrane compressors, screw compressors with pressure from 0,7 to 40 Mpa, units for drying and purifying air and natural gas from moisture, oil and mechanical impurities, car gasfilled compressor stations (АГНКС), installation of prepare impulse gas (УПИГ) without container, units for preparing fuel, starting and impulse gas (БЛТТ), sectional booster stations for gas dissolvent (БК 200) for underground gas storages, units of filters for fuel gas (БФТГ), booster stations (ДКУ), sectional container compressor stations (ББКС), compressors for divers and firemen.

Equipment produced by JSC "Compressor" is supplied for JSC "Gazprom", ship industry, space complex, nuclear, hydroelectric and thermal power plants, for underground railway, chemical, food and other industrial sectors.

Produced compressors possess high safety, small dimension and low vibration level. These characteristics are reached by special means, developed by the plant's design department.

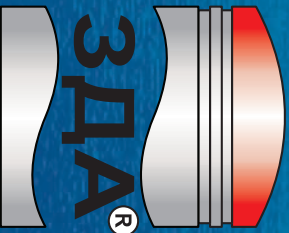
JSC "Compressor" is a serial plant, making modern equipment. The plant has a complex of unique test and measuring desks, which are used for development of new compressor constructions and drying units.

The good is certified and compressor equipment is approved by Russian Maritime Register of Shipping.

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# DIESEL SYSTEMS PLANT, JSC

Director:  
Vladimir A. Fedotyuk



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JSC DIESEL SYSTEMS PLANT is the specialized enterprise focused on production and delivery of diesel spare parts, also repairs, renewal and service of assemblies and units of diesel engines. The plant produces the high-quality spare parts for diesel engines on the modern equipment and tools and tests them on the test benches. At the present time the plant makes more than 1000 items of spares. Also the plant complies orders of new samples of spares parts for domestic and import diesel engines. The enterprise carries out orders on manufacture of details and units under the documentation or samples of the customer.

JSC DIESEL SYSTEMS PLANT is located near of the center of the St. Petersburg. In the city there are the largest sea, railway, automobile and air ways which provides the shipment of production in any point of Russia and abroad in shortest time.

The production of JSC DIESEL SYSTEMS PLANT is certificated by the Russian Maritime Register and the Russian River Register. The enterprise is licensed by Gosatomnadzor (State atomic Inspection) of Russia. The personnel has the admission to produce the spares and units for atomic engineering.

The basic directions of activity of the company are:

1. The production of spare parts and devices for repair and service for the diesel engines: CHN40/46, DR30/50, DPRN23/2X30,

CH12/14, CH15/18, CHN18/22, CHN21/21, NVD48AU, NVD48A 2U, NVD36, VD26/20, NVD26, SKODA-160, SKODA- 275

2. Check and adjustment of the fuel equipment and other systems of engines.

3. Tests of various spares and units, including pneumatic (up to 150 kg/cm<sup>2</sup>) and hydraulic (up to 2000 kg/cm<sup>2</sup>).

4. Delivery of spare parts from European makers to any point of the world.

5. Repair of diesel engines.

6. Production of train spares D-49, D-50, D-100 and others.

7. The vessel's repair team, for repair in the territory of Russia and abroad.

Among made units and spares there are the inlet and exhaust valves, connecting bolts, anchor pins, kickoff valves, safety and indicator cranes, drive for valves and for fuel pumps, injectors, nozzles, plunger pairs and also the big range of pipes for fuel, refrigerating fluid and others, different types of gaskets, devices for repairs and services. Also the plant produces the double fuel pipelines which satisfy the requirements of the rules for SOLAS 78 for the following types of diesel engines: piestick, DR30/50, NVD, MAN, NOHAB POLAR, B&W, MAK.

JSC DIESEL SYSTEMS PLANT has the modern equipment, the original documentation and technology, is one of Russian leaders in production and supply of spare parts for diesel engines.

# ELECTRO- RADIO- AUTOMATICA, JSC

**General Director:**  
**Victor Tatarskiy**



JSC "ElectroRadioAutomatica" — large electroassembly enterprise, main partner of all ship-building factories of St. Petersburg and NORTHWEST region of Russia.

Is based in a 1922.

**Executes:**

- Development of the design and working design documentation by an electropart, systems of automatics and radio communication of the ships;
  - Complete cycle of electroassembly and starting-up and adjustment works with guarantee service on builded, repaired, modernized ships of any class and assignment, and also on coastal objects;
  - Manufacturing and securing to the ship's structure of cable support systems.
- Has a number powerful, modern, specialized productions, advanced warehouse base. Carries out delivery of a ship electric equipment and cable.

The quality of works is confirmed by the certificated system of management of quality adequate Military Register, and necessary licenses.

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# ENERGOREMONT COMPANY Ltd

General Director:  
Sergey Shiptitsyn

The Energoremont Company was founded in 1996.

The company activity main directions:

- Packaged ship repair.
- Maintenance and supply of diesel engines and generating sets.
- Manufacturing and supply of spare parts.
- Maintenance of parts and components, including crankshaft polishing and high frequency current (HFC) case hardening.
- Shipping of genuine certified spare parts for ship repair.

Technical supplies and capacities: spare parts for ship repair.

Technical documentation, hardware and software.

Branches and representations in regions of Russia including Vladivostok, Petropavlovsk-Kamchatsky, St. Petersburg, Murmansk, Khabarovsk, Astrakhan, Kaliningrad.

Possibility to carry out repairs at Company base and at the engine-operating place including vessel as well.

Wide range of spare parts, tools and apparatuses for any type of repair.

Considerable experience of working on Russian Navy Forces and Russia State Border Guard ships, civil fleet vessels.

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# KLINTSY PISTON RINGS PLANT, OJSC

General Director:  
Mikhail R. Brotsman



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Open joint stock company "Klitsy piston rings plant" is the only specialized enterprise in Russian Federation producing piston rings from special cast iron brands (diameter from 60 mm up to 400 mm).

Over a period of more than 45 years the factory has been providing Russian and external markets with piston rings for engines and compressors of diesel locomotives, river ships, auxiliary engines of sea-going ships.

Open joint stock company "Klitsy piston rings plant" owns the whole range of technologies necessary for high-quality piston rings production including foundry engineering, different kinds of mechanical operations and galvanic coatings which enables to manufacture rings with target geometrical sizes, structure and durability of cast iron. The covering of piston rings with hard and porous chrome as well as with special soft materials reduces running-in time of rings and improves endurance which

in its turn enables to securely operate diesel engines with good performance concerning economic efficiency and ecology.

Batch-produced piston rings are permanently available at the storehouse. Time of delivery lies within 10 days. Delivery of piston rings according to drawings of the customer is implemented within 45-60 days.

JSC "Klitsy piston rings plant" annually expands the product mix of piston rings and increases outputs.

Piston rings application:

- Diesel engines Ч15/15, Чн15/18, Д6, Д12, ЧН18/22, ЧН18/20, NVD26, Д100, 211Д, 221Д, 6ЧН21/21, ЧН22/28, ЧН23/30, ЧН25/34, ЧН26/26, Д67, Д50, ЧН32/40, NVD48, Т60.

- Compressors КТ6, К2, ПК3,5, ПК35, ВВ 0,05, ВВ 1,5, ВY 3,5.

High professional skills of experts, continuity, permanent technological development, total inspection at all production phases can be observed as a quality assurance of our products.

# KRASNOYE SORMOVO SHIPYARD

Director General:  
Nikolay Zharikov



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Krasnoye Sormovo Shipyard is one of Russian major shipyards. Over the years it has made an important contribution to the development of commercial vessels as well as submarines for the military.

Now Krasnoe Sormovo shipyard is an up-to-date modernized complex that builds merchant fleet vessels in series.

Production capacities of Krasnoye Sormovo Shipyard are well fitted for river-and-sea-going tankers up to 13,500 DWT (for transit to the Black and Baltic seas) and up to 60,000 DWT (for transit to the Caspian sea), dry-cargo ships, special purpose vessels as well as for offshore structures and modules of drilling and production platforms.

## Shipbuilding capabilities of Krasnoye Sormovo Shipyard

|   |            |
|---|------------|
| Maximum length for transit to the Black and Baltic seas/to the Caspian sea, m | 150 /150   |
| Maximum width for transit to the Black and Baltic seas/to the Caspian sea, m  | 17.5 /28.9 |
| Maximum launching weight, mt  | 6,000      |
| Steel production capacity, mt/year  | 38,500     |

# MARINE COMPLEX SYSTEMS Ltd.



Marine Complex Systems Ltd provide a wide range of services for construction and supporting the objects in shipbuilding, navy and offshore construction markets.

The central office of the company is located in Saint-Petersburg, Russia. The key strategic goal of Marine Complex Systems Ltd is creating and delivering the high-grade products (equipment and materials), as well as provision with the state-of-the-art technologies and services meeting the requirements and expectations of customers and users.

The main activities of the company are:

- engineering;
- technical project support;
- complex deliveries of materials and equipment;
- installation and commissioning;
- technical consulting and installation supervision;
- inspecting.

Business lines:

- fire safety;
- corrosion-resistant coatings;
- insulation of structures and equipment;
- finishing and outfitting of interiors;
- ship pipe systems;
- deck equipment;
- ecological equipment.

## **We invite You to our booth**

**B4.OG.69.**

Marine Complex Systems Ltd will render:

- state-of-the-art trends of the Russian shipbuilding;
- business features for promotion of innovations in the Russian shipbuilding market;
- participation in Government Development Programs;
- access to cooperation with the leading enterprises of the Russian shipbuilding market.

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# MNP Group

**President & CEO:**

**Vadim Malov**



MNP Group is engaged in shipbuilding and offshore units design and construction. MNP Group incorporates the leading Russian shipyard, located on the Volga River – Krasnoye Sormovo Shipyard as well as Volgo-Caspian Design Bureau and Sormovskoye Mashinostroeniye Engineering Plant (Nizhniy Novgorod).

Project management is the key competence of the Company. Integrated management system, common approaches for quality management, unified information system and group of high-quality managers allow MNP Group establishing itself as one of the leading Russian engineering companies.

MNP Group activity is based on multi-project management system, which integrates projects data consolidation and coordination. This approach leads to enhancement of efficiency of investments and achievement of strategic goals.

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# NEVSKY SHIPBUILDING - SHIPREPAIR PLANT, LLC

**General Director:**  
**Vladimir Bazhenov**



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**www.nssz.ru**

"Nevsky Shipbuilding - Shiprepair Plant, LLC" (Nevsky Shipyard) is a subsidiary company of J.S. "North-Western Shipping Company", which is a part of transport holding "Universal Cargo Logistics Holding". The main activities of the shipyard: building of ready-to-operate ships of all types including dry-cargo and liquid cargo vessels, bunkering vessels, auxiliary vessels. Building of steel hulls of motor yachts and megayachts. Remodelling, modernization, conversion. Complex ship repair.

The Shipyard is located 40 km away from Saint Petersburg in the town of Shliesselburg, on the left bank of the river Neva, close to Ladoga Lake.

More than 260 vessels of a various class and purposes were built at the shipyard including: dry-cargo vessels, container ships, tugboat-pushers, harbor tugs, tankers and passenger vessels.

#### Production capacities:

Slipway - allows to lift and to launch vessels up to 140 meters long and dock weight of about 2500 tons;

Covered shed, consisting of three flights: 220x30x22 m, 220x42x22 m and 220x48x22 m with 8 places for vessels with the length up to 120 m;

Ship repair area has 12 places to perform repairs of the vessels up to 140 m; The total area of the workshops - 21000 m<sup>2</sup>.

Automated Line for Flat Sections Assembly and Welding of the German company IMG.

In 2005 the Shipyard started to build vessels for foreign customers including hulls of the tugboats and hull with outfitting of dry cargo ship Combi Freighter type for "Damen Shipyards Bergum" (Netherlands), barges for "OMS Shipping" (Kazakhstan), bunker-tankers for "Haugland Tankers AS" (Norway).

The Quality Management System of the Shipyard is certified to be in compliance with International Standard ISO 9001:2008.

Currently the Order Book of the Shipyard has the orders for the construction of three salvage vessels project MPSV07; production of sections for cylindrical part of the hull for two RSD44 type vessels (option for sections production for three more vessels); construction of a series of ten RSD49 vessels dwt 7000 (8+2 in option).

# OKSKAYA SUDOVERF – OKA SHIPYARD

General Director:  
Vladimir P. Kulikov

Okskaya Sudoverf (Shipyard "Oka") was established in 1907 and nowadays obtains complex of manufacture facilities sufficient for construction of medium load-carrying capacity vessels.

The yard is located on south – west of Nizhny Novgorod Region, in town Navashino, on the river Oka and linked with major seaports of the Russian Federation with railroads and inland waterways.

The Quality Management System of the Shipyard is certified to ISO 9001:2008.

Shipyard's main product categories:

- River-sea going medium load-carrying capacity MPCs;
- oil and chemical tankers;
- container ships;
- special ships;
- barges.



ОТКРЫТОЕ АКЦИОНЕРНОЕ ОБЩЕСТВО

**ОКСКАЯ СУДОВЕРФЬ**

**OKSKAYA SUDOVERF, JSC**

( S H I P Y A R D « O K A » )

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# PROLETARSKY ZAVOD, JSC

General Director:  
Aram Arutyunyan



## FTC “SUDMASH”, JSC

Director: Yuriy Potekhin



## CENTRAL RESEARCH INSTITUTE OF MARINE ENGINEERING, JSC

Director: Denis Suslov

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“Proletarsky Zavod” (formerly Alexandrovsky Ironworks) was founded in 1826 and now it is one of the oldest machine-building plants in Saint-Petersburg.

Over a century “Proletarsky Zavod” supplied locomotive cars for developing railways network in Russia. In 1963 the plant changed the line of business to manufacture ship machinery for Navy, Fishing and other Fleets of the country. Since 1974 the enterprise is also a manufacturer of power engineering equipment.

Today “Proletarsky Zavod” is a Joint-Stock Company (JSC) which has a powerful manufacturing capabilities and research-and-development potential represented by Central Research Institute of Marine Engineering and Special Design Bureau for Power engineering. JSC “Proletarsky Zavod” is capable of going through the entire cycle of the articles development beginning from research and design and ending with their manufacture and supply while also providing maintenance services for the equipment in operation.

Today “Proletarsky Zavod” is one of the largest enterprises in the Northwestern Region of Russia, specializing in manufacture of marine, power engineering and general engineering machinery. The enterprise has developed numerous ship mechanisms, complexes and systems some of which are unique and highly competitive.

Long time business and scientific-technological cooperation links JSC “Proletarsky Zavod” with many companies in India, Germany, Finland, Greece, Japan, Singapore, Vietnam, Ukraine, Kazakhstan etc.

The foreign trade activity of “Proletarsky Zavod”, which is supported by Foreign Trade Company “Sudmash”, is oriented for export of articles complying with international requirements and providing the enterprise with foreign equipment and components.

Armed with many years' operation, JSC “Proletarsky Zavod” is always open for mutually beneficial cooperation with foreign partners.

# RUSSIAN MARITIME REGISTER OF SHIPPING

General Director  
Nikolay A. Reshetov



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Russian Maritime Register of Shipping (RS) is one of the leading classification societies, established in 1913. Recognised by EU, RS is a member of the International Association of Classification Societies.

RS performs classification and survey of ships and offshore facilities under construction and in service as well as statutory surveys as authorized by maritime administrations. On behalf of maritime administrations, RS performs certification under the ISM and ISPS Codes.

The main goal of the RS activity is to provide the safety of navigation, safety of life at sea and protection of environment. Being developed with application of the formal safety assessment methodology, the RS rules enable to quantify the existing risk for people, objects and environment, and to take measures to decrease the risk. RS performs survey with special regard to the environmental safety of ships and offshore facilities. The RS rules include all the necessary requirements for prevention of emergency situations and oil spills. Upon compliance with the RS additional environmental requirements, a ship is assigned the distinguishing mark in the class notation: **ECO** or **ECO-S**, **ECO** or **ECO-S** ships are safer in respect to marine environment and are considered more credible by the cargo owners, underwriters, maritime administrations and port authorities.

RS is the unrivalled leader in survey of ice ships and icebreakers. One of the innovations is an Ice Ship Safety Certificate. The main purpose of the Certificate is the selection of safe modes of ship operation, which depends on the actual ice conditions, ship's shape and design, main dimensions, draught and propulsion plant parameters.

RS has developed a risk management procedure on the basis of the formal safety assessment methodology and renders assistance in improvement of safety management systems and performs an expert assessment under the TMSA programme. The RS voluntary survey system for compliance with the MLC 2006 requirements will enable shipowners to take the necessary steps to prepare their ships for the date of the MLC 2006 enforcement.

RS is actively involved in offshore oil and gas field development activity. Among the latest projects are survey of fixed offshore ice-resistant offloading terminal Varadey, survey over the transport infrastructure of the Varadey terminal, survey over the construction of offshore facilities for Prizalomnoye and Shokman fields in the Barents Sea. RS performs survey of the Korchagin field development facilities.

The RS integrated approach to rendering safety expertise and certification services as a package provides the effective solution for industrial safety systems.

# SEVERNOYE DESIGN BUREAU, JSC

General Director:  
Vladimir I. Spiridopulo



The Severnoye Design Bureau Joint Stock Company is a leading Russian company designing surface combatants and commercial ships. More than 550 ships such as corvettes, frigates, destroyers, dry cargo vessels, chemical carriers, scientific research vessels, refrigerators, fire fighting and patrol boats with the total displacement of about 1.5 million tons have been built according to Bureau's designs.

Working together with Russian and foreign shipyards the Bureau offers a wide range of engineering services ranging from contract project development to detail drawings for shipyards.

Market dominance, high scientific and technical potential, unique experience and reliable business contacts with foreign companies in the area of shipbuilding allow the Severnoye

Design Bureau JSC to consider all proposals of cooperation in designing war ships and commercial vessels of practically all classes and any displacement.

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# SHIPBUILDING & SHIPREPAIR TECHNOLOGY CENTER, JSC

General Director:  
Vladimir D. Gorbach



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Joint Stock Corporation Shipbuilding & Shiprepair Technology Center (JSC "SSTC") is the leading shipbuilding and ship repair technology center in Russia. It was founded in 1939 and has status of State Scientific Center of Russian Federation.

The enterprise incorporates divisions, providing realization of main fields of activities:

- development of science-intensive and resource-saving technologies, including information technologies, for shipbuilding and other industries;
- development and manufacturing of production facilities for shipbuilding, ship repair enterprises and engineering companies;
- design, modernization and technical re-equipment of shipbuilding and ship repair enterprises, hydraulic structures, docks;
- design of fishing, geo-exploratory, research and other types of ships;
- design and manufacturing of ship fittings of new generation;
- development and implementation of projects for creation (augmentation)

of on-shore infrastructure, operation, maintenance and repair of ships of all types;

- logistic support for ships of different types during all stages of their life cycle;

- training of highly qualified scientific brainpower and engineering personnel in shipbuilding and ship repair fields, participating in international scientific and technological cooperation.

JSC "SSTC" has broad scientific and commercial relations with foreign customers and scientific institutions in more than 40 countries of the world in shipbuilding and ship repair fields. Among main fields of cooperation are technical cooperation in shipbuilding and ship repair, creation of on-shore infrastructure for bases, operation support, maintenance and repair of supplied naval equipment, sales of civil products and services in international market; scientific relations with international and foreign institutions.

JSC "SSTC" is open for mutually beneficial cooperation with any interested partners.

# SHIPBUILDING PLANT “SEVERNAYA VERF”, JSC

**OPK Shipbuilding Project  
Director,**  
**General Director  
of Severnaya Verf JSC,**  
**General Director  
of Baltysky Zavod JSC:**  
**Andrey B. Fomichev**

Shipbuilding plant “Severnaya Verf”, JSC is included into United Industrial Corporation (OPK), at present, the shipyard is the leading shipbuilding enterprise of Russia. In 1998, the shipyard was the one of the first plants in Russia, which was issued the licenses for all works in the deposit of construction, re-equipment, upgrading and disposal of ships and vessels. During its long history JSC “Shipbuilding plant “Severnaya Verf” built about 400 ships and vessels intended for various purposes, including about 170 ships for the RF (USSR) Navy, equipped with state-of-the-art weapon and armament systems for their days. The yard built missile cruisers, destroyers, large submarine hunters, frigates, patrol ships and minesweepers, tankers, dry-cargo carriers, timber carriers, container carriers, passenger and fishing vessels, towboats, ferries and floating docks, as well as research and Ro-Ro vessels.



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# SHIPREPAIRING CENTER “ZVYOZDOCHKA”, JSC

General Director:  
Vladimir S. Nikitin



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The Joint Stock Company “Shiprepairing Center “Zvyozdochka” is the leading Russian shipyard specializing in repairs and refitting of submarines, surface ships of any classes and purposes. It possesses up-to date slip ways, hoisting structures, ship transporting equipment, berths, workshops, high skilled personnel.

“Zvyozdochka”'s affiliates are:

1. Shiprepairing Yard “Nerpa” (Snezhnogorsk, Murmansk Region)
  2. Astrakhansky Shiprepairing Yard (Astrakhan)
  3. 176th Shiprepairing Yard (Arkhangelsk)
  4. 35th Shiprepairing Yard (Murmansk)
  5. NPO “Vint” (Moscow)
  6. 1st Shiprepairing Yard (Sochi, Krasnodar Region)
  7. 5th Shiprepairing Yard (Temruk, Krasnodar Region)
  8. Pilot Yard “Vega” (Borovsk, Kaluga Region)
- Main branches of activity:
- Repairs and modernization of submarines and surface ships;
  - Military and technical cooperation with foreign countries;
  - Civil shipbuilding;
  - Realization of oil&gas projects;
  - Ship propellers and azimuth thrusters production;

- Complex reclaiming of nuclear powered submarines;
- Production of technical equipment for space rockets and complexes;
- Diamonds cutting, jewelry;
- Ship furniture manufacturing.

Specialized Propeller Production (SPP) provides designing, manufacturing and maintenance of ship propellers for ships of any classes and purposes according to GOST 8054-81 and ISO 481/1. It carries out full cycle of designing, strength calculations and FEM analysis. SPP produces unit-cast and built-up fixed pitch, controllable pitch and adjustable pitch propellers made of high tensile corrosion resistant steels, Cu-3. Propellers diameter up to 9 m, weight from 20 to 70 t. SPP makes assembly, repairs and maintenance of ship propellers.

Production is surveyed by leading Classification Societies: RMRS, LRS, DNV, GL, ABS, RINA.

The JSCo “SC “Zvyozdochka” also carries out complex deliveries of azimuth thrusters and bow thrusters for ice class ships and drilling rigs.

SPP Quality Management System is certified by DNV for conformity with ISO 9001:2008.

# SHIPYARD “YANTAR”, JSC

General Director:  
Igor Orlov



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Shipyard “Yantar” is the only Russian Shipbuilding Enterprise located in the South-Eastern part of the Baltic sea in proximity with the largest industrial centers of Europe.

The history of the Yard started since 8 July 1945 when it was established on the base of the former “F. Schichau” company.

The principal specialty of the “Yantar” was construction of warships, but at the same time the Yard launched a lot of civilian vessels. Construction of shipbuilding complex with covered-in berth in 1972 had moved the Enterprise to the new step of development. The complex provided possibility to build vessels and ships with launching weight up to 12000 ton. The Shipyard worked rhythmically and firmly as a well in hand machine, in accordance with demands of the times.

Totally since 1949 till 2009 Shipyard “Yantar” has built 154 warships and more than 500 civilian vessels, repaired about 450 ships and vessels. These figures tell better than any words about great experience, Kaliningrad ship-

builders obtained during the years of painstaking work.

Today Joint Stock Company “Shipyard “Yantar” is a competitive shipyard offering services in building and repairing of warships and commercial vessels of different types, including special-purpose vessels. The Yard embeds and develops new techniques, updates it’s facilities and infrastructure, specialists of the Yard improve their skill and qualification. At present the new project of scale modernization of the shipbuilding complex is under working out.

The main Customers of the “Yantar” in the military field now are Russian and Indian Navies. The Shipyard’s slogan “Quality tested by sea” is confirmed by Certificates of the leading Classification societies. Quality Management System at the Enterprise meets the requirements of ISO 9001 International Standards .

JSC “Shipyard “Yantar” is a part of United Shipbuilding Corporation, and it gives full confidence in the successful future of the Shipyard.

# SREDNE- NEVSKY SHIPYARD, JSC

**General Director:**  
**Vladimir Seredokho**

Sredne-Nevesky Shipyard JSC was founded in 1912 as Ust-Izhora Shipyard. The shipyard is located in Saint-Petersburg suburb at the left bank of the Neva River. Over the whole history of the shipyard it has been built more than 500 vessels and ships of various purposes (43 designs) for the Russian Navy and export. Shipyard production facilities enable Sredne-Nevesky Shipyard to construct ships of steel, GRP and aluminum. Ships are launched with launching arrangement with lifting transborder bridge of 800 tons capacity.

The shipyard is a member of United Shipbuilding corporation JSC.



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# SUDOEXPORT, Federal State Foreign Economic Enterprise

General Director:  
Stanislav Shulepov



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For more than two decades Federal State Foreign Economic Enterprise "Sudoexport", established in 1988, has been acting as a specialized company that exports and imports various sea- and river-going vessels, floating units, marine and shipboard equipment, materials and spare parts. It also provides technical assistance in construction of vessels abroad under Russian licenses, arranges technical survey and supervision over design, construction and modernization of shipbuilding and ship repair yards as well as coastal infrastructure.

Over years "Sudoexport" has been co-operating with many foreign brokers, export agencies, foreign and local banks which specialize in shipping and shipbuilding areas. This superb experience gained throughout the years allows "Sudoexport" to offer a wide range of services to its clients (searching for potential orders on construction of vessels, drafting of contracts in compliance with international practice and standards, development of financial schemes for vessel construction, etc).

Under the Decree of the President of the Russian Federation on "Development of JSC "United Shipbuilding Corporation" (USC) "Sudoexport" is going to be integrated into USC. Such decision enables the enterprise to broaden its activities and set new targets and aims. Our new business directions:

- centralization of all equipment and material supplies for USC's yards;
  - export of vessels constructed by USC's yards;
  - services of ship brokers;
  - leasing arrangements;
  - assistance in setting production facilities in Russia for marine and ship equipment and materials required for construction of vessels and other units/modules, including establishment of joint ventures with world leading manufacturers.
- "Sudoexport" is open for all kinds of co-operation in shipbuilding, and is devoted to satisfying the needs of its customers.

# SUDOMECHANISM, JSC

Managing director:  
Vadim Y. Shukhmin

JSC "Sudomechanism" is specialized traditionally in export and import of ships, marine spare parts and equipment. Our company has the representations abroad, and, in turn, we are the agents in Russia for delivery of marine equipment and spare parts of some foreign companies. We are the exclusive representative in Russia of "VULKAN Kupplungs- und Getriebebau GmbH", the manufacturer of the flexible couplings and dampers. JSC "Sudomechanism" is a dealer of "Loipart AB" and has the right to market and sell in the territory of Russia galley and laundry appliances of "Electrolux" Marine trade mark.

JSC "Sudomechanism" handles all transport and customs clearance of goods, both within and outside Russia. We are prepared to lend knowledgeable assistance for the manufacturers of marine accessory equipment, who are seriously interested in entry into Russian market.



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# TRANSAS GROUP

President:

Nikolay Lebedev



Transas (TRANSport Safety Systems) is a world-leading developer and supplier of a wide range of software, integrated solutions and hardware technologies for the aviation and marine transportation industry, including both onboard and shore-based applications. Transas Group was founded in 1990 and its experience comprises decades of expertise in the field of design, development and manufacturing. In recent years Transas is paying much attention to applying its innovative technologies in the spheres of IT and

simulation for booming entertainment and educational markets by launching Trans-Force hi-tech edutainment complexes.

Currently, the number of Transas employees worldwide exceeds 1,800 people, while Transas products are being distributed and supported by a vast network of representative offices in some 110 countries.

By 2009 the company's annual turnover exceeds 250 million US dollars. The Company's production is certified for compliance with ISO-9001 International Quality Standard.

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# TUAPSE SHIP REPAIR YARD, J.S.Co

General Director:  
Igor Glushakov



Tuapse Ship Repair Yard JSC is the largest manufacturer of cylinder liners, piston rings and piston skirts for the most wide-spread marine diesel engines with bore 180-900 mm.

Our production has been certified by Lloyd's Register and the Russian Maritime Register of Shipping with the issuing of the appropriate certificates which confirm high quality of our castings. We guarantee exceptional quality of all our products and reasonable prices. Up to 80% of our products are exported to more than 30 countries all over the world.

Tuapse Shiprepair Yard has all the necessary equipment to perform the repairs of the sea vessels and ships, as well as conversion and modernization procedures.

The following facilities are available at the shipyard: deep berths with gantry cranes with lifting capacity of up to 30 tons, floating dock of 15000 tons capacity and 187x28 m dock

floor, capable of docking all types of ships with displacement up to 35000 tons.

There are 10 workshops for main and specialized bays, all supplied with equipment and well-trained staff required for prompt and efficient work.

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# UNITED INDUSTRIAL CORPORATION (OPK)

**Chairman of the Board of OPK:  
Alexander V. Gnusarev**

United Industrial Corporation (OPK) is a diversified holding company. The Company develops and manages a portfolio of investments in major sectors of the Russian economy, including financial sector, real estate development, shipbuilding, mining and media. The core business units of OPK are International Industrial Bank — one of the biggest corporate banks in Russia, OPK Development — a real estate developer with unique portfolio of large-scale projects in the major Russian cities. OPK, the biggest shipbuilding enterprises of Russia, operates Severnaya Verf, Baltiysky Zavod shipbuilding facilities, Iceberg Design Office, machine building and support facilities. OPK Mining — a company exploring one of the largest coking coal fields in the world.



# OPK

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# VM

**Managing Director:**  
**Alexander Demchenko**

“VM” is the sole Russian manufacturer of sensors & automation systems for oil tankers & gas carriers LNG/LPG, FSO, FPSO, oil rigs. “VM” is manufacturing sensors & automation systems also for offshore vessels, ice-breakers, floating docks.



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# VOLGOGRAD SHIPYARD, JSC

General Director:  
Andrey Komaristov



ВОЛГОГРАДСКИЙ  
СУДОСТРОИТЕЛЬСКИЙ  
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JSC Volgograd Shipyard founded in 1931 is one of the leading enterprises in the Russian shipbuilding industry. It is engaged in building of vessels of commercial fleet — bulk-oil tankers, chemical carriers, trawlers — seiners, dry cargo ships for different purposes, for river, mixed “river-sea” and sea navigation conditions. Convenient geographical location of the plant allows transporting of ready-made ships to any port of the world. The enterprise has built more than 500 vessels both for Russian domestic market and for export to such countries as England, India, Iran, Cyprus, Kazakhstan, Turkmenia, Estonia, Sweden, Norway, the Netherlands and others. All ships are manufactured under the supervision of different classification societies such as Russian Marine Registry of Shipping, Det Norske Veritas (Norway), Lloyd’s Register (Great Britain), Germanischer Lloyd (Germany), Bureau Veritas (France).

The plant has engineering and design capacity to build any vessels fitted with the most state-of-the-art equipment, to do metal working as well as to manufacture a wide range of mechanical engineering products.

Quality management system of Volgograd Shipbuilding Plant has the certificate of compliance with ISO 9001:2000 standard. This document confirms the quality of designing and building of vessels of different types and mechanical engineering products of the plant.

The staff of our shipbuilding plant will be glad to see you among our Customers! Taking into account our production capacity, varied material and technical base, high qualified personnel as well as long-term experience in vessel construction we would like to ensure you in high quality of our products.

# VYBORG SHIPYARD JSC

**General Director:**  
Valery Levchenko



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Since Vyborg Shipyard JSC was founded in 1948 there have been built more than 200 vessels of different types, including: timber carriers, dry-cargo ships, container vessels, fishing vessels, tankers, special and standby vessels.

In 1978 Vyborg Shipyard joined offshore market with semi-submersible drilling rigs for oil and gas exploration and production on the sea shelf. At the first stage of development in the new direction the shipyard assembled 900t block modules and pontoons for six semi-submersible drilling rigs, which were put in for offshore operation in the Caspian Sea.

In 2005-2006 within the frameworks of long-term cooperation with the Norwegian shipyards VSY built and delivered seven fully painted hulls of platform supply vessels outfitted with main machinery and systems to the Norwegian party.

#### Platforms MOSS CS 50

The multi-purpose bare-deck platform MOSS CS 50 represents the 5th generation of deep water semi-submersible platforms designed by the Norwegian engineering company Moss Maritime. The project provides for maximum functional flexibility in alternative arrangement of upper decks with a view to the end use of the platform:

In March 2007 VSY built the platform lower hull based on MOSS CS50 design for Sea Dragon Offshore with subsequent delivery

for its final completion at the Scottish yard Haverton Hill.

In November 2007 Vyborg Shipyard JSC and Gazflot LLC (subsidiary of OAO GAZPROM) signed a contract for engineering and construction of two floating drilling rigs for operations at Shtokman gas-condensate field.

The project of the platform MOSS CS-50 Mk II was developed for operations in the north seas conditions, including ice conditions. At the beginning of June 2010 lower hull of the first rig was delivered on board a special transportation vessel of Dockwise Shipping BV to South Korea. SHI's Shipyard, where topside of 19 000 t weight was built.

At the beginning of July 2010 in the water area of SHI there was performed the integration of lower hull and topside of the platform.

At the beginning of August 2010 lower hull of the second rig will pass the same route as the first one.

The first rig will be delivered in 2010 and the second one — in 2011.

Cooperation with numerous international companies allows offering to customers complex solutions at construction of offshore platforms and platform supply vessels. Participation of VSY in biggest international projects is evidence of recognition of its high-class workmanship by the partners.

# ZELENODOLSK DESIGN BUREAU, JSC

General Director:  
Leonid Sharapov



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Zelenodolsk design bureau was founded in 1949. It is one of the leaders in Russian shipbuilding. 800 ships and vessels were constructed under projects of the Bureau (more than 150 of them were exported).

#### Activity profile:

- Designing vessels and ships and as well as their construction support;
- Development of modernization projects;
- Consultations and assistance in designing;
- Experiments and trials;
- Small-scale production of the vessel facilities;
- Oil-gas industry equipment designing.

Zelenodolsk design bureau specializes in development of the ships, vessels and boats projects, including with dynamic principles of maintenance, with displacement from

5 up to 5000 tons of various constructional plans. They are capable to carry out the tasks of protection the economic, reserved, trade zones, transportation of passengers, dry cargo and oil-products.

#### Innovative trend:

- Seagoing and river vessels of "Aquaplane" type for high-speed transportations of passengers and priority freights;
- Multipurpose high-seaworthiness trimaran type vessels (vessels with outriggers).

Design is fulfilled using of CAD/CAM/CAE technologies, including AVEVA Marine. Cooperation with shipyards in united information space increases the quality of design work and reduces terms of shipbuilding. Quality Management System is certified in accordance GOST R ISO-9001-2001 and GOST RV 15.002-2003.



**RUSSIAN PAVILION**

H A M B U R G

S M M 2010

Sept. 7-10