

# GTS-2017

**Catalogue of the exhibition**

## **GAS TRANSPORTATION SYSTEMS: PRESENT AND FUTURE**



**26–27 October 2017 г., Gazprom VNIIGAZ LLC**





## GAZPROM VNIIGAZ LLC

Gazprom VNIIGAZ LLC is Gazprom's principal R&D facility in the area of geology, fields development, study of petroleum reservoir systems, production, transportation, underground storage and processing of gas & condensate, hydrocarbon resources development at the continental shelf, environmental protection, unconventional gas resources development, industrial safety, advanced professional training.

The Institute implements scientific-technical policy and coordinates scientific studies in the area of development and designing technologies for gas industry, covering gas fields exploration and development; oil and gas offshore resources development; complex treatment and processing with separation of individual fractions among them nitrogen rejection and helium recovery, site treatment; standardization, designing and operation of gas transmission and underground gas storage systems; mathematical modeling and IT technologies; use of gas as motor fuel; environmental safety, energy efficiency and labor protection.

Currently Gazprom VNIIGAZ employs over 1600 specialists including 42 ScDs, 269 PhDs and over 400 young scientists both in Moscow headquarters and in Ukhta branch. VNIIGAZ scientific and technical complex includes over 100 production and research laboratories, 65 experimental benches and installations, over 500 workstations with specialized software.

General Director – Dmitry V. Lyugai

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## JSC GAZPROM STROYTEK SALAVAT

Gazprom StroyTEK Salavat company advantages include:

- global partner offering a wide range of specialized products, committed to respecting the interests of its customers and manufacturers;
- leading company in the field of production and supply of specialized products to main gas pipeline construction, repair and reconstruction sites;
- registrar of Gazprom PJSC specifications;
- own production facilities;
- cooperation with leading Russian manufacturing plants;
- timely production technical audit, product quality and acceptance control;
- prompt response to customers' requests, provision of technical consulting and support;
- technical and designer supervision of products in use;
- delivery to any region, by any means of transport, within the shortest terms possible;
- product supply to Gazprom PJSC sites, as well as to Russian gas transmission facility repair and reconstruction sites.

General Director – Pavel V. Pogrebnyakov

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## **COMPANY “PIPELINE COATING AND TECHNOLOGIES” (“PIPELINE COATING AND TECHNOLOGIES” LLC)**

“Pipeline Coating and Technologies” LLC is one of unique domestic manufacturing plants that produces external concrete weight coating (CWC) for gas, petrochemicals, housing and utilities sectors.

Company mission is to provide the market with high-quality products, supplied to worksites for construction and repair of gas and oil pipelines.

The external concrete weight coating is unparalleled at the territory of the Russian Federation and is acknowledged by foreign experts in ballasting means. This type of coating has a number of advantages that allow guaranteed prevention of losing pipeline ballasting properties and reduction of operating costs.

The total area of the plant is 110000 m<sup>2</sup> and more than 250 employees work here.

General Director – Maxim Yu. Penkov

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## WELD-FORCE LLC

WELD-FORCE LLC (St. Petersburg) has carried out developments in the field of so-called SHS-technologies (self-propagating high-temperature synthesis), the production of metals and metal alloys in the process of soldering, by burning a thermite with a mix of various fillers.

The main products of the company are rods for soldering ECP-1150, ECP-1152 (TR 1718-001-56222072-2005) with heat-removing tubes and graphite tubing swages, for welding of all types of electrochemical protection to gas and oil pipelines of almost all standard sizes. ECP rods are widely used at the facilities of the Russian oil and gas complex. The use of remote ignition Zh31-R122 makes it possible to perform work at facilities under operating pressure from a distance of up to 500 m.

Installation of contact point (condenser) welding «ECP-CPW» (TR 3441-005-27451073-2011) is designed for welding tips with leads of electrochemical protection cables to the body of trunk gas and oil pipelines, product lines, and also to any other metal surfaces in stationary or field conditions.

Materials, technologies and equipment have NAKS certification, and are also included in the register of equipment and welding materials approved for use at sites Gazprom PJSC.

General Director – Igor A. Shkoda

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## CJSC INTROSCAN TECHNOLOGY

Based on the successful experience in performing the pipeline diagnostics using the conventional techniques as well as the complicated non-destructive (NDT) equipment projects, in 2012, ENTE LLC and Acoustic Control Systems LLC made a decision to jointly develop the equipment and techniques for the in-line inspection of the complex 3D topology process pipelines (PP). To accomplish this, IntroScan Technology CJSC, a specialized company, has been established. Over the past years, the company has carried out the relevant works and has developed the A2072 IntroScan Scanner-Flaw Detector. This instrument is designed to solve the issues related to the in-line inspection of the process pipelines (ILI).

The robotized Scanner-Flaw Detector for the in-line inspection of complex configuration pipelines has been developed and successfully tested, and the minimum preparatory activities have been required:

- the complex configuration piping systems without the integrity damage and without the cleanup of the inner pipe space to remove contaminations. The inspection procedure can be performed during the scheduled removal of a facility from service;
- the local sections of trunk pipelines (including those having different diameters) without the installation of the pig launchers /receivers and without cutting the pipelines (the Scanner-Flaw Detector can be inserted into a pipe through the service openings spaced 2–3 km apart).

General Director – Stanislav Yu. Voronchikhin

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**ТРУБОПРОВОДНЫЕ  
СИСТЕМЫ И ТЕХНОЛОГИИ**

## **PIPELINE SYSTEMS & TECHNOLOGIES CJSC**

Main activity of the company is manufacture and supply of corrosion protection equipment for steel pipelines and structures, underwater and shore facilities.

Main types of products supplied are:

- insulating monolithic joints;
- corrosion monitoring systems;
- compact cathodic protection systems;
- test stations and resistance control units;
- induced AC/DC protection devices;
- reference electrodes;
- anodes;
- marker plates;
- spark gap monitor modules;
- systems of pipeline strain control and ground movement control.

General Director – Dmitry B. Zakharov

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**ХИМСЕРВИС**

**CHEMSERVICE**  
**CLOSED JOINT STOCK COMPANY “MANUFACTURING COMPANY**  
**«CHEMSERVICE» NAMED A. ZORIN” (CJSC «CHEMSERVICE»)**

The company Chemservice founded in 1994 is one of the leading Russian companies producing equipment for cathodic protection of pipelines and other underground metal constructions. Products of Chemservice company are manufactured under the Mendeleevets trademark.

First of all, this is anode groundbeds Mendeleevets that has a long lifetime, because the company effectively set up and fine-tuned their production process in order to achieve their highest quality.

An important part of the company's profile is developing and manufacturing devices for pipeline diagnostics. Our innovative approach to development and our ability to implement modern technological solutions as a part of manufacturing process ensure that Chemservice produces some of the best equipment for solving any diagnostic task.

Since its founding, Chemservice has been successfully making the diagnostics of pipelines all over Russia. Highly qualified experts apply their vast experience using both generally recognized and the newest cutting-edge methods for pipeline survey.

The quality management system of the company is certified according to GOST R ISO 9001-2015. Additionally the QMS in relation to services on diagnostics of underground pipelines is certified according to STO Gazprom 9001-2012. The company's products are certified and listed in the register of permitted equipment of Gazprom PJSC.

General Director – Dmitry V. Savenkov

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www.svap.pro

## LIMITED LIABILITY COMPANY «BT SVAP» (LLC «BT SVAP»)

LLC «BT SVAP» was founded in 2007 as a production company specializing in the development and implementation of innovative solutions in the industrial production and construction of pipeline systems for fuel and energy sector, chemical industry, housing and communal services.

BT SVAP today is a highly efficient integrated company with modern high-tech production & logistics facilities and multi-purpose design and engineering division.

BT SVAP organization structure is currently comprised of the divisions - production, construction, design & survey, engineering – that has significantly expanded the company's field of activity and range of ser-vices.

BT SVAP carries out orders of the major industrial enterprises of Russia, Belarus, Kazakhstan, Turkmenistan, Uzbekistan, Moscow urban development, PJSC «Gazprom», PJSC «Transneft», PJSC «Lukoil», PJSC NK «Rosneft», OJSC «TNK-BP», JSC «Gazprom Transgaz Belarus», PJSC «Tatneft», PJSC ANK «Bashneft» and many other companies.

On January 30, 2014 BT SVAP obtained certificates on conformity with the standards: ISO 9001 «Quality management systems. Requirements»; ISO 14001 «Environmental management systems. Requirements with guidance for use» and OHSAS 18001 «Occupational health and safety management systems. Requirements «.

10 January 2014 BT SVAP obtained a certificate on conformity with the standard of STO Gazprom 9001 «Management systems. Quality manage-ment systems. Requirements».

BT SVAP strictly adheres to the international standards of safety and quality.

General Director – Akmal Kh. Yusupkhodzhaev

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## **GAZPROMNEFT-LUBRICANTS (GAZPROMNEFT-LUBRICANTS LTD.)**

Gazpromneft-Lubricants is a subsidiary of Gazprom Neft focusing on the production and sales of oils, greases and technical fluids. Established in November 2007. The products are manufactured at six production sites in Russia, Italy and Serbia. The total production volume is over 500,000 tons of high-quality oils, greases and technical fluids per year. The company supplies its products to the conveyors of DAIMLER KAMAZ RUS, KZ ROSTSELMASH, KAMAZ, UAZ (Sollers), BELAZ and others. The consumers of Gazpromneft-Lubricants products are Severstal, Sibur, Gazprom, Evraz, MMK, TMK, NLMK, Rusal, Alrosa, RZD, MECHHEL, Metalloinvest, SUEK, ILIM and other leading industrial enterprises. The product range includes 500 items of oils and greases for all market sectors (more than 2500 commodity items). The company's products have the approvals of over 250 leading equipment manufacturers: BMW, Mercedes-Benz, Volkswagen, Volvo, Renault, General Motors, Cummins, MAN, ZF, KAMAZ, Avtovaz, Bosch Rexroth and others. The company also produces and sells marine oils, supplies marine lubricants to Sovcomflot, Rosmorport, Rosneftflot, Norilsk Nickel and other Russian and foreign shipowners.

The company controls 15% of the Russian lubricant market and also operates in the CIS and the Baltic, Europe, Central and Southeast Asia, Africa, South America and beyond. All in all, the company's products are presented in 68 countries worldwide.

General Director – Alexander M. Trukhan

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## COMPANY «SOVZOND»

Sovzond is a Russian integrator in the field of remote sensing and geospatial technologies.

Our services:

- thematic and photogrammetric processing of remote sensing data;
- monitoring of displacements and deformations of the Earth's surface and constructions using the method of interferometric processing of satellite radar images;
- unmanned aerial vehicles (UAV) and hyperspectral systems supply;
- remote sensing, aerial survey (including UAV), thermal remote sensing, airborne and terrestrial laser scanning.

Our products and services:

- Russian geoinformation platform «Geoanalitika»;
- information product WorldEvolution, based on the results of the processing of multitemporal remote sensing;
- software and analytical complex for municipalities «GRADIS»;
- software for photogrammetric and thematic remote sensing data processing, storage and data cataloging, hydrogeological modeling;
- Internet-shop of professional equipment: UAV, components and accessories [bespilotnik.org](http://bespilotnik.org);
- ordering service FLYBER for professional and amateur UAV survey.

Public projects:

- International GIS-forum «Integrated geospatial solutions – the future of information technologies».

General Director – Vladimir I. Mikhaylov

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## LLC «NANOTECHNOLOGY CENTER OF COMPOSITES»

Company «NCC» is a production and engineering center, solving a wide range of tasks in the field of parts manufacturing from composite materials: 15000 m<sup>2</sup> of production area, more than 40 units of high-tech equipment and 60 units of measuring equipment, 200 top-skilled professionals from all over the world, 20 products' patents, since 2013 were launched more than 30 commercially successful products.

Company «NCC» offers solutions from composite materials in accordance with customers' needs, providing assistance and services at all stages of production: from laboratory tests to manufacturing.

General Director – Mikhail A. Stolyarov

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## **INTRA SERVICES COMPANY (LLC «INTRA SERVICES COMPANY»)**

INTRA Services Company has been in the market for 10 years with over 600 employees and representative offices in 15 locations of Russia, CIS, EU and the Middle East. INTRA Services is incorporated by INTRATOOL Group of Companies, a Russian engineering corporation, which activity is focused on support and development of infrastructure in the fuel and energy sector.

The company's key activities are: complete array of hot tapping and line stopping services, LDAR, on-line leak sealing, composite repair, CUI mitigation, chemical cleaning, construction and repair supervision, technical audit and engineering design, implementation of INTRASOFT security system.

The quality management system is certified as per ISO 9001:2008, ISO 14001:2004, OHSAS 18001:2007. In 2013 INTRA was recognized as the best service company by World Refining Association.

The company's assets are own manufacture of hot tapping and line stopping split tees, repair clamps, custom equipment for oil and gas, petrochemical and other industries. Products are manufactured under INTRAFIT trademark and have all the necessary certificates and permits for oil&gas and power generation industries including ASME certification (American Society of Mechanical Engineers).

General Director – Nikolay N. Boutskiy

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# ZALA AERO

## ZALA AERO GROUP (TSST LLC)

ZALA AERO Group of Companies is a Russian developer of unmanned aerial vehicles (UAV). Its main production includes unmanned surveillance airplanes, helicopters and air balloons. UAV application scope covers state border security, reconnaissance and rescue operations, and special-purpose operations. ZALA AERO develops and produces UAVs for air monitoring and protection of highly hazardous objects and incident and exploration locations in severe climate conditions. It collaborates successfully with the largest Russian companies of oil and gas industry.

ZALA AERO Group of Companies has its own licensed training center for training of operators of land control units for unmanned aerial vehicles. Since 2015, ZALA AERO is a part of Kalashnicov Group of Companies.

General Director – Dmitriy V. Russkikh

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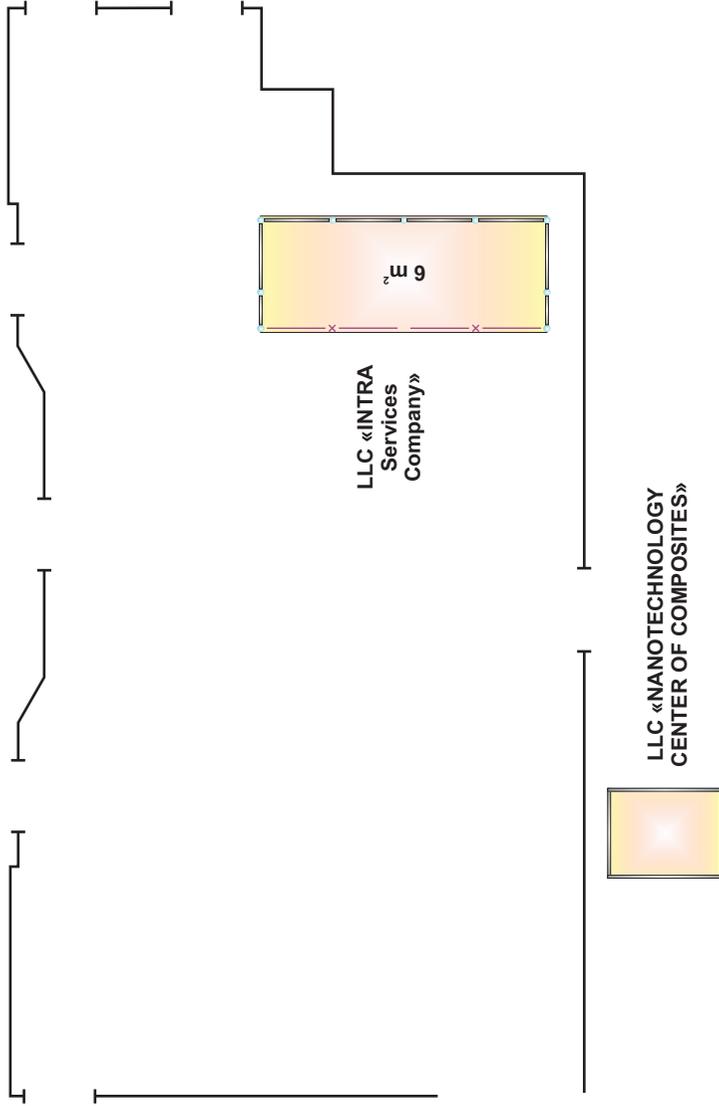
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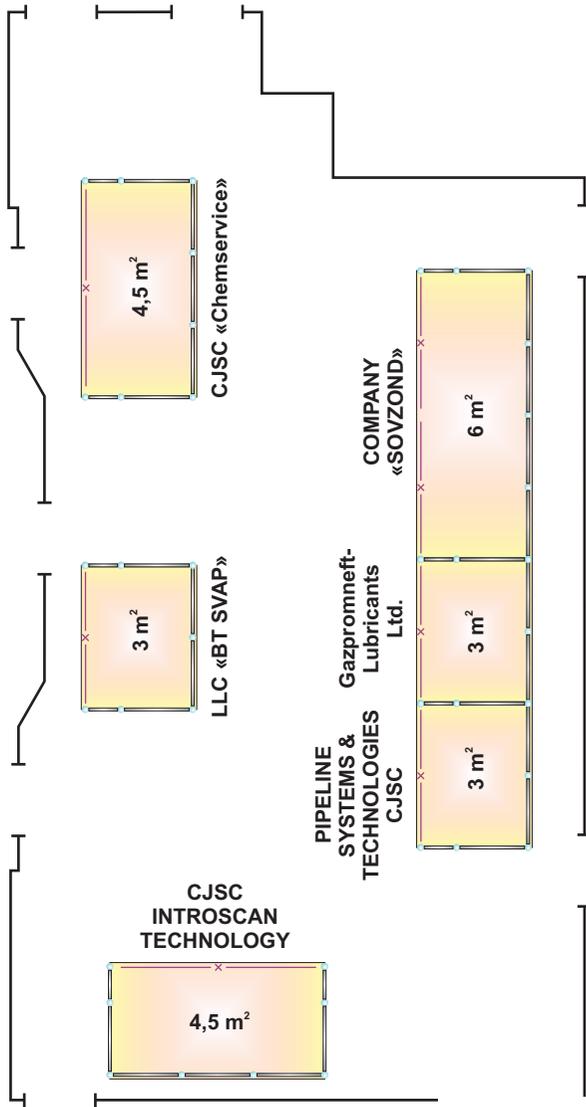
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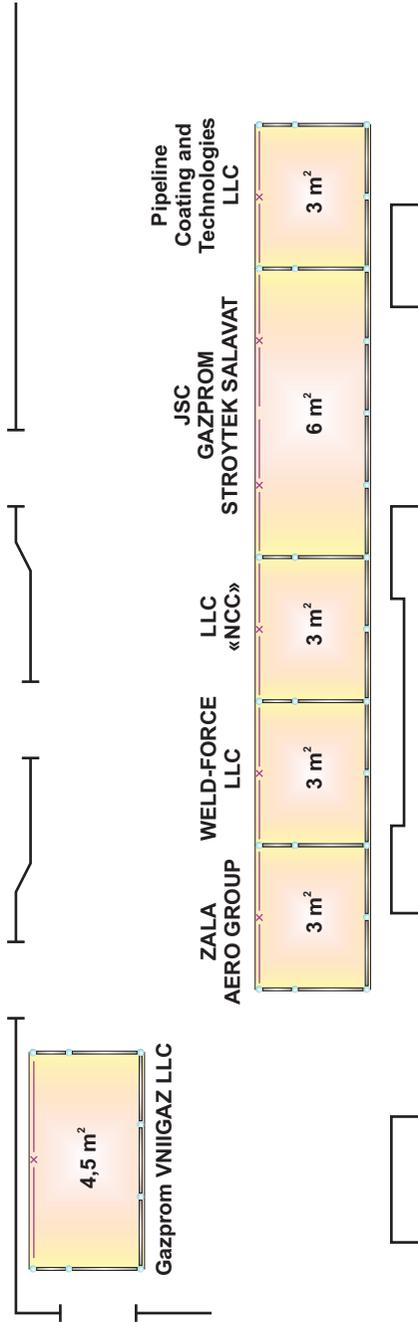
**E building, 1<sup>st</sup> floor**



## E building, 2<sup>nd</sup> floor



## E building, 3<sup>rd</sup> floor





## Organizer



## Sponsors



## Participants



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NCC



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